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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,672,569
2,734,038
2,758,389

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,672,569
2,734,038
2,758,389

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27 1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

2. Service *Courrier recommandé* MC et *Xpresspost*MC de Postes Canada

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*MC et *Xpresspost*MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

3. Correspondance électronique

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 9, 2017 contains applications open to public inspection from April 23, 2017 to April 29, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 9 mai 2017 contient les demandes disponibles au public pour consultation pour la période du 23 avril 2017 au 29 avril 2017.

17. Erratum

The information concerning application number 2,901,704 referred to under the section "Canadian Applications Open to Public Inspection" of the Canadian Patent Office Record of February 25, 2017 was incorrect. Please note that no application is open to public inspection under this number.

17. Erratum

Les renseignements concernant la demande 2,901,704 sous la rubrique « Demandes canadiennes mises a la disponibilité du publique» de la Gazette du Bureau des brevets du 25 février 2017 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

May 9, 2017

Brevets canadiens délivrés

9 mai 2017

[11] **2,349,705**
[13] C
[51] **Int.Cl. F17C 13/04 (2006.01) F16K 1/30 (2006.01) G05D 16/06 (2006.01)**
[25] FR
[54] **FLUID EXPANSION VALVE WITH LIMITED ANGULAR TRAVEL ROTARY CONTROL**
[54] **ROBINET-DETENDEUR DE FLUIDE A VOLANT ROTATIF A COURSE ANGULAIRE LIMITEE**
[72] CANNET, GILLES, FR
[72] PISOT, PHILIPPE, FR
[72] ARZENTON, MARCO, IT
[72] BENDAZZOLI, SILVANO, IT
[72] ROY, DANIEL, FR
[72] GOUNOT, ETIENNE, FR
[73] FRO S.R.L., IT
[73] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[86] (2349705)
[87] (2349705)
[22] 2001-06-06
[30] FR (00 07353) 2000-06-08

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[11] **2,406,375**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/16 (2012.01)**
[25] EN
[54] **AN IMPROVED METHOD AND SYSTEM FOR CONDUCTING SECURE PAYMENTS OVER A COMPUTER NETWORK**
[54] **PROCEDE ET SYSTEME AMELIORES POUR EFFECTUER DES PAIEMENTS EN TOUTE SECURITE SUR UN RESEAU INFORMATIQUE**
[72] HOGAN, EDWARD J., US
[72] CAMPBELL, CARL M., US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2002-10-11
[86] 2001-04-11 (PCT/US2001/011911)
[87] (WO2001/078024)
[30] US (60/195,963) 2000-04-11
[30] US (09/809,367) 2001-03-15

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[11] **2,452,099**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/50 (2006.01) G01N 33/543 (2006.01) G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] FR
[54] **PRENATAL DIAGNOSIS METHOD ON ISOLATED FOETAL CELL OF MATERNAL BLOOD**
[54] **METHODE DE DIAGNOSTIC PRENATAL SUR CELLULE FOETALE ISOLEE DU SANG MATERNEL**
[72] PATERLINI-BRECHOT, PATRIZIA, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[73] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[73] UNIVERSITE RENE DESCARTES PARIS 5, FR
[85] 2003-10-29
[86] 2002-04-30 (PCT/FR2002/001505)
[87] (WO2002/088736)
[30] FR (01/05824) 2001-04-30

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[11] **2,479,246**
[13] C
[51] **Int.Cl. C12N 15/09 (2006.01) C07H 21/04 (2006.01) C07K 14/32 (2006.01) C12N 1/20 (2006.01) C12N 9/00 (2006.01) C12N 9/90 (2006.01) C12N 15/00 (2006.01) C12P 19/04 (2006.01)**
[25] EN
[54] **METHOD FOR OVEREXPRESSION OF ZWITTERIONIC POLYSACCHARIDES**
[54] **PROCEDE DE SUREXPRESSION DE POLYSACCHARIDES ZWITTERIONIQUES**
[72] COMSTOCK, LAURIE E., US
[72] WEINACHT, KATJA G., DE
[72] COYNE, MICHAEL J., US
[72] KASPER, DENIS L., US
[72] TZIANABOS, ARTHUR O., US
[73] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2004-09-10
[86] 2003-03-13 (PCT/US2003/007775)
[87] (WO2003/077863)
[30] US (60/364,168) 2002-03-13

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[11] **2,513,250**
[13] C
[51] **Int.Cl. G01N 33/66 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **A SERUM MARKER FOR MEASURING LIVER FIBROSIS**
[54] **MARQUEUR SERIQUE POUR MESURER UNE CIRRHOSE DU FOIE**
[72] CONTRERAS, ROLAND, BE
[72] CALLEWAERT, NICO, CH
[73] VIB VZW, BE
[73] UNIVERSITEIT GENT, BE
[85] 2005-07-13
[86] 2004-01-14 (PCT/EP2004/050018)
[87] (WO2004/063753)
[30] EP (03100058.1) 2003-01-14
[30] EP (03104651.9) 2003-12-11

[11] **2,514,743**
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) G01N 33/72 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **PERFORMANCE IMPROVEMENT FOR HEMATOLOGY ANALYSIS**
[54] **AMELIORATION DE LA QUALITE D'UNE ANALYSE HEMATOLOGIQUE**
[72] KENDALL, RICHARD G., US
[72] SCHISANO, THOMAS V., US
[73] ABBOTT LABORATORIES, US
[85] 2005-07-28
[86] 2004-01-27 (PCT/US2004/002146)
[87] (WO2004/070384)
[30] US (10/355,439) 2003-01-31

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[11] **2,518,216**
[13] C
[51] **Int.Cl. A61K 38/28 (2006.01) A61K 9/20 (2006.01) A61K 47/16 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **ORAL INSULIN THERAPIES AND PROTOCOL**
[54] **INSULINOTHERAPIES ORALES ET PROTOCOLE**
[72] ARBIT, EHUD, US
[72] GOLDBERG, MICHAEL, US
[72] MAJURU, SHINGAI, US
[73] EMISPHERE TECHNOLOGIES, INC., US
[85] 2005-09-06
[86] 2004-03-05 (PCT/US2004/006943)
[87] (WO2004/080401)
[30] US (60/452,660) 2003-03-06
[30] US (60/448,465) 2003-07-17
[30] US (60/497,296) 2003-08-22
[30] US (60/518,168) 2003-11-07
[30] US (60/535,091) 2004-01-07
[30] US (60/540,462) 2004-01-29

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[11] **2,518,882**
[13] C
[51] **Int.Cl. G01N 15/10 (2006.01) C12N 5/076 (2010.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **APPARATUS, METHODS AND PROCESSES FOR SORTING PARTICLES AND FOR PROVIDING SEX-SORTED ANIMAL SPERM**
[54] **DISPOSITIFS, PROCEDES ET PROCESSUS PERMETTANT DE TRIER DES PARTICULES ET D'OBTENIR DU SPERME ANIMAL PRODUISANT UNE PROGENITURE DE SEXE DONNE**
[72] DURACK, GARY, US
[72] HATCHER, JEREMY T., US
[72] WESTFALL, LON A., US
[72] HELBLING, DAVID R., US
[72] WALLACE, JEFFREY D., US
[72] VANDRE, GARY P., US
[72] DIDION, BRADLEY, US
[72] NAYAK, NIRAJ V., US
[72] ANZAR, MUHAMMAD, US
[72] LUDWIG, CINDY L., US
[72] GRAHAM, JEFFREY A., US
[72] CROWLEY, KATHLEEN S., US
[73] INGURAN, LLC, US
[85] 2005-09-09
[86] 2004-03-29 (PCT/US2004/009646)
[87] (WO2004/088283)
[30] US (60/458,607) 2003-03-28
[30] US (60/458,731) 2003-03-28

---

[11] **2,542,343**
[13] C
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/50 (2006.01) G06F 7/00 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PARTITIONING A MOLECULE**
[54] **PROCEDE ET DISPOSITIF DE FRAGMENTATION D'UNE MOLECULE**
[72] AHUJA, SACHIN, US
[72] KITA, DAVID, US
[72] FODOR, ENIKO, US
[72] PRAKASH, ADITYO, US
[73] VERSEON, LLC, US
[85] 2006-04-11
[86] 2004-10-14 (PCT/US2004/034151)
[87] (WO2005/038431)
[30] US (60/511,189) 2003-10-14

---

[11] **2,548,030**
[13] C
[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C08L 3/00 (2006.01) C09J 103/02 (2006.01)**
[25] EN
[54] **WHEAT HAVING REDUCED WAXY PROTEIN DUE TO NON-TRANSGENIC ALTERATIONS OF A WAXY GENE**
[54] **BLE COMPRENANT UNE PROTEINE CIREUSE REDUITE DU FAIT D'ALTERATIONS NON TRANSGENIQUES D'UN GENE CIREUX**
[72] FUERSTENBERG, SUSAN L., US
[72] SLADE, ANN J., US
[73] ARCADIA BIOSCIENCES, INC., US
[85] 2006-05-31
[86] 2004-12-03 (PCT/US2004/040779)
[87] (WO2005/055704)
[30] US (60/526,678) 2003-12-03
[30] US (60/571,432) 2004-05-14
[30] US (60/620,708) 2004-10-19

---

[11] **2,559,182**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **NETWORK OPERATION CENTER FOR A LIGHT MANAGEMENT SYSTEM HAVING NETWORKED INTELLIGENT LUMINAIRE MANAGERS**
[54] **CENTRE D'OPERATION DE RESEAU POUR SYSTEME DE GESTION D'ECLAIRAGE COMPRENANT DES GESTIONNAIRES DE LUMINAIRES INTELLIGENTS RESEAUTES**
[72] WALTERS, JEFF D., US
[72] DARNELL, CHARLES J., US
[72] GIBLER, ZACHARY S., US
[72] HENDERSON, DAVID A., US
[73] ABL IP HOLDING LLC, US
[86] (2559182)
[87] (2559182)
[22] 2006-09-11
[30] US (60/715,584) 2005-09-12

[11] **2,570,897**
[13] C
[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/14 (2012.01) G06Q 20/40 (2012.01) G06Q 20/00 (2012.01)**
[25] EN
[54] **CONSTRUCTION PAYMENT MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE PAIEMENT DE CONSTRUCTION D'IMMEUBLES**
[72] ALLIN, PATRICK J., US
[72] CHERRY, CHARLES C., US
[72] EICHHORN, WILLIAM H., US
[72] FLYNN, MICHAEL L., US
[72] NIDEN, HOWARD L., US
[72] PEDERSEN, RICHARD P., JR., US
[72] BAGLEY, MATTHEW R., US
[73] TEXTURA CORPORATION, US
[85] 2006-12-15
[86] 2005-01-10 (PCT/US2005/001369)
[87] (WO2006/011904)
[30] US (60/583,782) 2004-06-29
[30] US (11/032,699) 2005-01-10

---

[11] **2,584,412**
[13] C
[51] **Int.Cl. A61K 31/55 (2006.01) A61K 31/16 (2006.01) A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61K 31/495 (2006.01) A61K 31/496 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) G01N 33/567 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS FOR DIAGNOSIS AND TREATMENT OF CANCER**
[54] **METHODES DE DIAGNOSTIC ET DE TRAITEMENT DU CANCER**
[72] BAMDAD, CYNTHIA C., US
[73] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2007-04-12
[86] 2005-09-14 (PCT/US2005/032821)
[87] (WO2007/053135)
[30] US (60/610,038) 2004-09-14

---

[11] **2,593,250**
[13] C
[51] **Int.Cl. H04L 12/26 (2006.01) H04M 3/00 (2006.01)**
[25] EN
[54] **HOME NETWORK AUDIO CLIENT WITH DETACHABLE REMOTE COMMANDER**
[54] **DISPOSITIF CLIENT AUDIO DE RESEAU DOMESTIQUE A TELECOMMANDE AMOVIBLE**
[72] IWAMURA, RYUICHI, US
[73] SONY CORPORATION, JP
[73] SONY ELECTRONICS INC., US
[85] 2007-07-05
[86] 2006-01-03 (PCT/US2006/000003)
[87] (WO2006/078439)
[30] US (60/645,899) 2005-01-21
[30] US (11/141,804) 2005-05-31

---

[11] **2,597,075**
[13] C
[51] **Int.Cl. G06Q 20/20 (2012.01) G06Q 20/28 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **PRE-PAID ACTIVATION AND REPLENISHMENT ON A POINT-OF-SALE DEVICE**
[54] **ACTIVATION PREPAYEE ET REAPPROVISIONNEMENT SUR UN DISPOSITIF DE POINT DE VENTE**
[72] CAVEN, HOWARD, US
[72] PETERSON, MATTHEW, US
[72] BLANKSTROM, DIANE, US
[72] SMITH, DAVID W., US
[73] FIRST DATA CORPORATION, US
[85] 2007-08-07
[86] 2006-02-08 (PCT/US2006/004529)
[87] (WO2006/086526)
[30] US (11/054,348) 2005-02-09

---

[11] **2,602,365**
[13] C
[51] **Int.Cl. H01L 21/02 (2006.01) H01S 5/02 (2006.01)**
[25] EN
[54] **LOW-DIELECTRIC CONSTANT CRYPTOCRYSTAL LAYERS AND NANOSTRUCTURES**
[54] **NANOSTRUCTURES ET COUCHES CRYPTOCRISTALLINES A FAIBLE CONSTANTE DIELECTRIQUE**
[72] KALEM, SEREF, TR
[73] TUBITAK, TR
[85] 2007-09-11
[86] 2006-02-08 (PCT/IB2006/050406)
[87] (WO2006/097858)
[30] TR (2005/00923) 2005-03-16

---

[11] **2,603,378**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OPERATING ONE OR MORE FUEL DISPENSERS**
[54] **SYSTEME ET PROCEDE D'EXPLOITATION D'UN OU PLUSIEURS DISTRIBUTEURS DE CARBURANTS**
[72] COLVIN, MONTY STEPHEN, US
[72] PARK, JAMIE ALTON, US
[72] WEHR, GREGORY JAMES, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2007-09-28
[86] 2006-03-29 (PCT/US2006/011363)
[87] (WO2006/105134)
[30] US (60/666,783) 2005-03-31

[11] **2,604,974**
[13] C
[51] **Int.Cl. C06B 23/00 (2006.01) C06B 25/00 (2006.01) C06B 45/00 (2006.01) F41H 5/007 (2006.01)**
[25] EN
[54] **EXTREMELY INSENSITIVE DETONATING SUBSTANCE AND METHOD FOR ITS MANUFACTURE**
[54] **MATIERE DETONANTE EXTREMEMENT PEU SENSIBLE ET PROCEDE D'ELABORATION**
[72] COHEN-ARAZI, YAEL, IL
[72] SOKOL-BARAK, EDITH, IL
[72] FRILING, SAMUEL, IL
[72] SHAKED, ILAN, IL
[73] RAFAEL ARMAMENT DEVELOPMENT AUTHORITY LTD., IL
[85] 2007-10-12
[86] 2006-04-11 (PCT/IL2006/000457)
[87] (WO2006/109304)
[30] IL (167985) 2005-04-12

---

[11] **2,610,389**
[13] C
[51] **Int.Cl. H02G 3/22 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **LEADTHROUGH AND A SEALING ELEMENT FOR THE LEADTHROUGH**
[54] **DISPOSITIF DE TRAVERSEE ET ELEMENT D'ETANCHEITE POUR LE DISPOSITIF DE TRAVERSEE**
[72] KLEIN, MANFRED, DE
[72] PAETOW, MARIO, DE
[73] HILTI AKTIENGESELLSCHAFT, LI
[86] (2610389)
[87] (2610389)
[22] 2007-11-09
[30] DE (102006035475.3) 2006-12-01

---

[11] **2,611,054**
[13] C
[51] **Int.Cl. C12N 15/12 (2006.01) A61K 38/08 (2006.01) A61K 38/17 (2006.01) A61K 39/00 (2006.01) A61P 25/28 (2006.01) C07K 7/06 (2006.01) C07K 14/46 (2006.01) C07K 19/00 (2006.01) C12N 15/11 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **NOVEL A.BETA.-BINDING POLYPEPTIDES AND DERIVATIVES AND USES THEREOF**
[54] **POLYPEPTIDES A.BETA. LIANTS NOVATEURS ET LEURS DERIVES ET USAGES**
[72] CHAKRAVARTHY, BALU, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2007-11-29
[86] 2006-06-16 (PCT/CA2006/000990)
[87] (WO2006/133566)
[30] US (60/691,248) 2005-06-17

---

[11] **2,613,371**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 10/08 (2012.01) A47F 10/02 (2006.01) B62B 3/14 (2006.01) G09F 21/04 (2006.01) H04B 1/59 (2006.01)**
[25] EN
[54] **MEDIA ENABLED ADVERTISING SHOPPING CART SYSTEM**
[54] **SYSTEME DE CHARIOT A PUBLICITE MULTIMEDIA**
[72] BRICE, DAVID GEORGE, US
[72] CARPENTER, STEVE, US
[72] ANDERSON, SEAN, US
[72] GROSS, ED, US
[72] GIBBONS, JAMES E., JR., US
[73] MEDIA CART HOLDINGS, INC., US
[85] 2007-12-21
[86] 2006-06-28 (PCT/US2006/025949)
[87] (WO2007/002941)
[30] US (60/694,575) 2005-06-28
[30] US (60/702,831) 2005-07-27
[30] US (60/705,776) 2005-08-05
[30] US (60/713,320) 2005-09-01
[30] US (11/291,737) 2005-12-01
[30] US (11/291,353) 2005-12-01
[30] US (11/291,451) 2005-12-01
[30] US (60/779,635) 2006-03-06

---

[11] **2,614,870**
[13] C
[51] **Int.Cl. C10B 1/10 (2006.01) F27B 7/24 (2006.01)**
[25] EN
[54] **PYROLYSIS SYSTEM**
[54] **SYSTEME DE PYROLYSE**
[72] CLARK, ALLAN, GB
[73] ITEM TECHNOLOGY SOLUTIONS LTD., GB
[85] 2008-01-09
[86] 2006-07-10 (PCT/GB2006/002541)
[87] (WO2007/007071)
[30] GB (0514282.3) 2005-07-12

---

[11] **2,616,802**
[13] C
[51] **Int.Cl. G05B 19/418 (2006.01)**
[25] EN
[54] **IMPROVED POWER GENERATION FOR PROCESS DEVICES**
[54] **PRODUCTION D'ENERGIE AMELIOREE POUR DES DISPOSITIFS DE TERRAIN**
[72] BROWN, GREGORY C., US
[72] KLOSINSKI, ANDREW J., US
[72] TRIMBLE, STEVEN R., US
[72] FANDREY, MARK C., US
[73] ROSEMOUNT INC., US
[85] 2008-01-25
[86] 2006-09-13 (PCT/US2006/035728)
[87] (WO2007/037988)
[30] US (11/236,317) 2005-09-27

[11] **2,619,833**
[13] C
[51] **Int.Cl. C12N 15/31 (2006.01) C12N 15/113 (2010.01) A23C 9/12 (2006.01) C07K 14/315 (2006.01) C12N 1/20 (2006.01) C12N 1/21 (2006.01) C12N 9/14 (2006.01) C12N 9/22 (2006.01) C12N 15/00 (2006.01) C12N 15/11 (2006.01) C12N 15/55 (2006.01) C12N 15/63 (2006.01) C12N 15/74 (2006.01)**
[25] EN
[54] **USE OF CRISPR ASSOCIATED GENES (CAS)**
[54] **UTILISATION DE GENES ASSOCIES A CRISPR-CAS**
[72] HORVATH, PHILIPPE, FR
[72] BARRANGOU, RODOLPHE, US
[72] FREMAUX, CHRISTOPHE, FR
[72] BOYAVAL, PATRICK, FR
[72] ROMERO, DENNIS, US
[73] DUPONT NUTRITION BIOSCIENCES APS, DK
[85] 2008-02-19
[86] 2006-08-25 (PCT/US2006/033167)
[87] (WO2007/025097)
[30] US (60/711,396) 2005-08-26
[30] US (60/747,683) 2006-05-19

---

[11] **2,624,926**
[13] C
[51] **Int.Cl. H01J 49/00 (2006.01) B01D 59/44 (2006.01) G21K 7/00 (2006.01)**
[25] EN
[54] **MULTI-REFLECTING TIME-OF-FLIGHT MASS SPECTROMETER WITH ORTHOGONAL ACCELERATION**
[54] **SPECTROMETRE DE MASSE DE TEMPS DE VOL MULTIREFLECHISSANT AVEC ACCELERATION ORTHOGONALE**
[72] VERENTCHIKOV, ANATOLI N., RU
[72] YAVOR, MIKHAIL I., RU
[72] KHASIN, YURI, RU
[73] LECO CORPORATION, US
[85] 2008-04-09
[86] 2006-10-11 (PCT/US2006/039464)
[87] (WO2007/044696)
[30] US (60/725,560) 2005-10-11

---

[11] **2,625,171**
[13] C
[51] **Int.Cl. A63F 1/06 (2006.01)**
[25] EN
[54] **CARD GAME WITH COUNTING**
[54] **JEU DE CARTES AVEC DENOMBREMENT**
[72] LUTNICK, HOWARD W., US
[72] MERKEL, STEPHEN M., US
[73] CFPH, LLC, US
[85] 2008-03-27
[86] 2008-01-30 (PCT/US2008/052461)
[87] (WO2008/095001)
[30] US (11/669,996) 2007-02-01

---

[11] **2,629,431**
[13] C
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLINICAL DATA VALIDATION**
[54] **SYSTEMES ET METHODES DE VALIDATION DES DONNEES CLINIQUES**
[72] CHAMBERLAIN, FORREST LEE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2629431)
[87] (2629431)
[22] 2008-04-17
[30] US (11/741,427) 2007-04-27

---

[11] **2,634,000**
[13] C
[51] **Int.Cl. C12N 9/02 (2006.01) A01H 5/02 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **FAD-2 MUTANTS AND HIGH OLEIC PLANTS**
[54] **MUTANTS DE FAD-2 ET PLANTES RICHES EN ACIDE OLEIQUE**
[72] DESPEGHEL, JEAN-PIERRE, FR
[72] GRANIER, CHRISTEL, FR
[73] MONSANTO S.A.S., FR
[85] 2008-06-12
[86] 2007-01-04 (PCT/IB2007/001540)
[87] (WO2007/099459)
[30] EP (06290028.7) 2006-01-04

---

[11] **2,635,849**
[13] C
[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 1/16 (2006.01) A61P 1/18 (2006.01) A61P 9/00 (2006.01) A61P 9/04 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 19/04 (2006.01) A61P 19/10 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) G01N 33/53 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **AN ANTIBODY AGAINST PERIOSTIN, AND A PHARMACEUTICAL COMPOSITION COMPRISING IT FOR PREVENTING OR TREATING A DISEASE IN WHICH PERIOSTIN IS INVOLVED**
[54] **ANTICORPS DIRIGE CONTRE LA PERIOSTINE ET COMPOSITION PHARMACEUTIQUE LA CONTENANT POUR PREVENIR OU TRAITER UNE MALADIE LIEE A LA PERIOSTINE**
[72] TANIYAMA, YOSHIAKI, JP
[72] MORISHITA, RYUICHI, JP
[72] KATSURAGI, NARUTO, JP
[73] OSAKA UNIVERSITY, JP
[85] 2008-06-30
[86] 2006-12-28 (PCT/JP2006/326280)
[87] (WO2007/077934)
[30] JP (2005-380009) 2005-12-28

---

[11] **2,639,390**
[13] C
[51] **Int.Cl. B60L 7/02 (2006.01) B60L 7/08 (2006.01) B60T 13/74 (2006.01) B60T 17/18 (2006.01) B61H 13/34 (2006.01)**
[25] FR
[54] **SAFETY DEVICE FOR RESISTOR BRAKING WITH A RESISTANT BIPOLAR ASSEMBLY AND A PERMANENT MAGNET MOTOR**
[54] **DISPOSITIF DE FREINAGE RHEOSTATIQUE SECURITAIRE A ENSEMBLE RESISTIF BIPOLAIRE AVEC MOTEUR A AIMANTS PERMANENTS**
[72] JOBARD, THIERRY, FR
[72] BONIN, ERIC, FR
[73] ALSTOM TRANSPORT TECHNOLOGIES, FR
[86] (2639390)
[87] (2639390)
[22] 2008-09-02
[30] FR (07 57338) 2007-09-04

[11] **2,640,856**
[13] C
[51] **Int.Cl. G07C 11/00 (2006.01) A61B 5/1171 (2016.01) G06F 17/30 (2006.01)**
[25] EN
[54] **BIOMETRIC AUTHENTICATION METHOD, AUTHENTICATION SYSTEM, CORRESPONDING PROGRAMME AND TERMINAL**
[54] **METHODE D'AUTHENTIFICATION BIOMETRIQUE, SYSTEME D'AUTHENTIFICATION, PROGRAMME ET TERMINAL CORRESPONDANTS**
[72] NACCACHE, DAVID, FR
[73] INGENICO GROUP, FR
[86] (2640856)
[87] (2640856)
[22] 2008-10-10
[30] FR (07/58297) 2007-10-12

---

[11] **2,640,913**
[13] C
[51] **Int.Cl. F21V 27/00 (2006.01) F21V 15/01 (2006.01) F21V 21/02 (2006.01) H02G 3/08 (2006.01) H05B 33/02 (2006.01)**
[25] EN
[54] **POSITIONABLE LIGHTING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE POSITIONNEMENT D'ECLAIRAGE**
[72] JANOS, JOSEPH JOHN, US
[72] CARLSON, CHRISTINE, US
[73] THE L.D. KICHLER CO., US
[86] (2640913)
[87] (2640913)
[22] 2008-10-10
[30] US (60/979,470) 2007-10-12
[30] US (61/021,471) 2008-01-16
[30] US (61/046,811) 2008-04-22

---

[11] **2,644,876**
[13] C
[51] **Int.Cl. F21V 13/04 (2006.01) F21S 8/10 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **DYNAMIC THREE DIMENSIONAL EFFECT LAMP ASSEMBLY**
[54] **LAMPE A EFFET DYNAMIQUE TRIDIMENSIONNEL**
[72] KING, ROBERT LEE, US
[72] POTTER, BRANT J., US
[72] EGLY, DAVID D., US
[73] VALEO SYLVANIA LLC, US
[86] (2644876)
[87] (2644876)
[22] 2008-11-26
[30] US (61/007558) 2007-12-13
[30] US (12/288239) 2008-10-17

---

[11] **2,645,697**
[13] C
[51] **Int.Cl. G01S 19/38 (2010.01) G01C 21/00 (2006.01) G01S 5/10 (2006.01)**
[25] EN
[54] **NAVIGATION SYSTEM WITH APPARATUS FOR DETECTING ACCURACY FAILURES**
[54] **SYSTEME DE NAVIGATION AVEC DETECTEUR D'IMPRECISIONS**
[72] VANDERWERF, KEVIN, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2645697)
[87] (2645697)
[22] 2008-12-03
[30] US (60/012,303) 2007-12-07
[30] US (12/102,527) 2008-04-14

---

[11] **2,647,508**
[13] C
[51] **Int.Cl. G01N 33/92 (2006.01) G01N 33/86 (2006.01)**
[25] EN
[54] **THROMBOPLASTIN REAGENT WITH LONG-TERM STABILITY**
[54] **REACTIF A LA THROMBOPLASTINE POSSEDANT UNE STABILITE A LONG TERME**
[72] RECHNER, ANDREAS, DE
[73] SIEMENS HEALTHCARE DIAGNOSTICS PRODUCTS GMBH, DE
[86] (2647508)
[87] (2647508)
[22] 2008-12-19
[30] DE (102007062323.4) 2007-12-21

---

[11] **2,649,367**
[13] C
[51] **Int.Cl. G06F 9/40 (2006.01) G06F 9/44 (2006.01) G06F 15/02 (2006.01) H04L 12/16 (2006.01) H04L 12/58 (2006.01) H04L 29/02 (2006.01)**
[25] EN
[54] **METHOD OF PROCESSING NOTIFICATIONS PROVIDED BY A ROUTINE, AND ASSOCIATED HANDHELD ELECTRONIC DEVICE**
[54] **PROCEDE DE TRAITEMENT DE NOTIFICATIONS FOURNIES PAR UNE ROUTINE ET DISPOSITIF ELECTRONIQUE PORTATIF ASSOCIE**
[72] YULO, ALVIN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2008-10-15
[86] 2007-04-26 (PCT/CA2007/000706)
[87] (WO2007/124571)
[30] EP (06252311.3) 2006-04-28

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[11] **2,659,886**
[13] C
[51] **Int.Cl. G06F 21/10 (2013.01) G06F 21/31 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **FILE SYSTEM AUTHENTICATION**
[54] **AUTHENTIFICATION DE SYSTEMES DE FICHIERS**
[72] IRVINE, DAVID, GB
[73] MAIDSAFE FOUNDATION, GB
[85] 2009-02-02
[86] 2007-06-11 (PCT/GB2007/002166)
[87] (WO2008/003923)
[30] GB (0613235.1) 2006-07-04

[11] **2,660,069**
[13] C
[51] **Int.Cl. C09C 3/06 (2006.01) B01F 17/00 (2006.01) C08J 3/20 (2006.01) C08J 3/22 (2006.01) C09C 1/44 (2006.01)**
[25] EN
[54] **METAL COMPLEXES FOR ENHANCED DISPERSION OF NANOMATERIALS, COMPOSITIONS AND METHODS THEREFOR**
[54] **COMPLEXES METALLIQUES PERMETTANT UNE DISPERSION AMELIOREE DE NANOMATERIAUX, COMPOSITIONS ET METHODES CONNEXES**
[72] SIMONS, RICHARD S., US
[73] MAVERICK CORPORATION, US
[86] (2660069)
[87] (2660069)
[22] 2009-03-24

---

[11] **2,660,123**
[13] C
[51] **Int.Cl. C12N 5/10 (2006.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12N 15/85 (2006.01) C12N 15/86 (2006.01) C12N 15/12 (2006.01)**
[25] EN
[54] **NUCLEAR REPROGRAMMING METHOD**
[54] **METHODE DE REPROGRAMMATION NUCLEAIRE**
[72] YAMANAKA, SHINYA, JP
[72] TAKAHASHI, KAZUTOSHI, JP
[72] NAKAGAWA, MASATO, JP
[73] KYOTO UNIVERSITY, JP
[85] 2009-02-26
[86] 2008-10-31 (PCT/JP2008/070365)
[87] (WO2009/057831)
[30] US (61/001,108) 2007-10-31
[30] US (60/996,289) 2007-11-09
[30] US (12/213,035) 2008-06-13

---

[11] **2,664,496**
[13] C
[51] **Int.Cl. F16B 21/18 (2006.01) B62D 25/00 (2006.01) B62D 27/00 (2006.01) B62D 27/06 (2006.01) F16B 5/06 (2006.01) F16B 12/00 (2006.01) F16B 13/10 (2006.01) F16B 37/04 (2006.01) F16B 43/00 (2006.01)**
[25] EN
[54] **TOLERANCE ADJUSTING ATTACHMENT**
[54] **ACCESSOIRE DE REGLAGE DES TOLERANCES**
[72] CRANE, MICHAEL W., US
[72] MATTHEWS, MARTIN R., US
[72] POVINELLI, ANTHONY J., US
[73] MAGNA INTERNATIONAL INC., CA
[86] (2664496)
[87] (2664496)
[22] 2009-04-28
[30] US (61/126,376) 2008-05-02

---

[11] **2,666,509**
[13] C
[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COMPARING AND UTILIZING ACTIVITY INFORMATION AND CONFIGURATION INFORMATION FROM MULTIPLE MEDICAL DEVICE MANAGEMENT SYSTEMS**
[54] **SYSTEME ET PROCEDE POUR COMPARER ET UTILISER DES INFORMATIONS D'ACTIVITE ET INFORMATIONS DE CONFIGURATION DE PLUSIEURS SYSTEMES DE GESTION DE DISPOSITIFS**
[72] BUTLER, STEVEN I., US
[72] DUNSIRN, TODD M., US
[72] FREDE, DOUGLAS E., US
[72] HEDLUND, NANCY G., US
[72] POLONUS, THOMAS F., US
[72] PREGULMAN, STEVEN J., US
[72] RAMAKER, TORRANCE, US
[72] TILLERY, JAMES E., US
[72] VAN HUIS, MARY KAYE, US
[73] ICU MEDICAL, INC., US
[85] 2009-04-15
[86] 2007-10-16 (PCT/US2007/081549)
[87] (WO2008/057729)
[30] US (60/851,971) 2006-10-16
[30] US (11/873,269) 2007-10-16

---

[11] **2,667,055**
[13] C
[51] **Int.Cl. C12N 15/11 (2006.01) A61K 31/712 (2006.01)**
[25] EN
[54] **ANTISENSE COMPOUNDS**
[54] **COMPOSES ANTISENS**
[72] SWAYZE, ERIC E., US
[73] IONIS PHARMACEUTICALS, INC., US
[85] 2009-04-17
[86] 2007-10-18 (PCT/US2007/081850)
[87] (WO2008/049085)
[30] US (60/852,894) 2006-10-18

---

[11] **2,671,054**
[13] C
[51] **Int.Cl. B65D 1/34 (2006.01) B65D 21/02 (2006.01)**
[25] EN
[54] **BAKERY TRAY**
[54] **PLATEAU DE BOULANGERIE-PATISSERIE**
[72] HASSELL, JON P., US
[73] REHRIG PACIFIC COMPANY, US
[86] (2671054)
[87] (2671054)
[22] 2009-07-02
[30] US (61/077,481) 2008-07-01

---

[11] ***2,672,569**
[13] C
[51] **Int.Cl. G06F 21/78 (2013.01) G06F 3/06 (2006.01) G06F 5/00 (2006.01)**
[25] EN
[54] **INFORMATION CONVERSION TECHNOLOGY**
[54] **TECHNIQUE DE CONVERSION D'INFORMATIONS**
[72] NAKAYAMA, KIYOTAKA, JP
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2009-06-12
[86] 2007-12-21 (PCT/JP2007/074684)
[87] (WO2008/078689)
[30] JP (2006-349217) 2006-12-26

[11] 2,673,666
[13] C
[51] **Int.Cl. H02P 1/02 (2006.01) H02P 1/16 (2006.01)**
[25] EN
[54] **MOTOR DRIVING SYSTEM AND METHOD FOR STARTING A MOTOR**
[54] **SYSTEME D'ENTRAINEMENT ET METHODE DE DEMARRAGE DE MOTEUR**
[72] DOOLEY, KEVIN ALLAN, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2673666)
[87] (2673666)
[22] 2009-07-22
[30] US (12/177,286) 2008-07-22

---

[11] 2,674,493
[13] C
[51] **Int.Cl. C12N 9/16 (2006.01) A61K 38/46 (2006.01) C12N 5/10 (2006.01) C12N 15/55 (2006.01) C12Q 1/34 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF AND METHODS OF USING SULFATASES FROM FLAVOBACTERIUM HEPARINUM**
[54] **COMPOSITIONS A BASE DE SULFATASES ISSUES DE FLAVOBACTERIUM HEPARINUM ET LEURS PROCEDES D'UTILISATION**
[72] MYETTE, JAMES R., US
[72] SASISEKHARAN, RAM, US
[73] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2009-07-03
[86] 2008-01-04 (PCT/US2008/000152)
[87] (WO2008/085912)
[30] US (60/879,272) 2007-01-05

---

[11] 2,674,602
[13] C
[51] **Int.Cl. A01N 63/00 (2006.01) A01N 43/16 (2006.01) A01N 59/00 (2006.01)**
[25] EN
[54] **LIPO-CHITOOLIGOSACCHARIDE COMBINATION COMPOSITIONS FOR ENHANCED PLANT GROWTH AND YIELD**
[54] **COMPOSITIONS COMBINEES DE LIPOCHITOOLIGOSACCHARIDES POUR UNE CROISSANCE ACCRUE ET UN RENDEMENT DE PRODUCTION ACCRU DE PLANTES**
[72] SMITH, RAYMOND STEWART, US
[72] OSBURN, ROBERT MARTIN, US
[73] NOVOZYMES BIOLOGICALS HOLDING A/S, DK
[85] 2009-07-06
[86] 2008-01-08 (PCT/US2008/000235)
[87] (WO2008/085958)
[30] US (60/879,436) 2007-01-09
[30] US (60/980,287) 2007-10-16

---

[11] 2,674,739
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01) C07K 16/40 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR DIAGNOSING PROSTATE CANCER**
[54] **PROCEDE IN VITRO POUR DIAGNOSTIQUER UN CANCER DE LA PROSTATE**
[72] COCHET, CLAUDE, FR
[72] FILHOL, ODILE, FR
[72] LARAMAS, MATHIEU, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR
[73] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[85] 2009-07-07
[86] 2008-01-02 (PCT/EP2008/050004)
[87] (WO2008/083998)
[30] EP (07290032.7) 2007-01-10

---

[11] 2,675,020
[13] C
[51] **Int.Cl. A61F 11/00 (2006.01) A61N 1/00 (2006.01)**
[25] EN
[54] **TINNITUS TREATMENT**
[54] **TRAITEMENT DE L'ACOUPHENE**
[72] WINKLER, PETER ANTHONY, AU
[73] TIPA TINNITUS CORPORATION PTY LTD (ABN 74 001 315 046), AU
[85] 2009-07-09
[86] 2007-12-19 (PCT/AU2007/001960)
[87] (WO2008/083429)
[30] AU (2007900088) 2007-01-10

---

[11] 2,675,549
[13] C
[51] **Int.Cl. G01N 23/06 (2006.01) G01N 23/18 (2006.01) G01N 33/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR IDENTIFYING THE POSITION OF DEFECTS IN BODIES, IN PARTICULAR IN WOODEN BODIES SUCH AS LOGS OR PLANKS**
[54] **APPAREIL ET METHODE PERMETTANT D'IDENTIFIER LA POSITION DE DEFAUTS DANS DES CORPS, EN PARTICULIER DANS DES CORPS EN BOIS COMME DES RONDINS OU DES MADRIERS**
[72] GIUDICEANDREA, FEDERICO, IT
[73] MICROTEC S.R.L., IT
[86] (2675549)
[87] (2675549)
[22] 2009-08-14
[30] IT (VR2008A000104) 2008-09-18

---

[11] 2,678,136
[13] C
[51] **Int.Cl. E21D 11/14 (2006.01)**
[25] EN
[54] **WELDED MESH ROCK SUPPORT SYSTEM FOR BURSTING AND SQUEEZING GROUND**
[54] **SYSTEME DE SOUTENEMENT DE ROCHES GRILLAGE ET SOUDE POUR TERRAIN A COMPORTEMENT PLASTIQUE ET SUJET AUX COUPS DE TOIT**
[72] CAI, MING, CA
[72] CHAMPAIGNE, DENIS, CA
[73] MANSOUR MINING INC., CA
[86] (2678136)
[87] (2678136)
[22] 2009-09-08

---

[11] **2,678,836**
[13] C
[51] **Int.Cl. A61M 25/092 (2006.01)**
[25] EN
[54] **CATHETER WITH ADJUSTABLE DEFLECTION SENSITIVITY**
[54] **CATHETER DOTE D'UNE SENSIBILITE DE DEVIATION AJUSTABLE**
[72] SCHULTZ, JEFFREY WILLIAM, US
[73] BIOSENSE WEBSTER, INC., US
[86] (2678836)
[87] (2678836)
[22] 2009-09-16
[30] US (12/211,728) 2008-09-16

---

[11] **2,679,239**
[13] C
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/072 (2006.01) A61B 17/115 (2006.01)**
[25] EN
[54] **SURGICAL STAPLER HAVING AN INTERMEDIATE CLOSING POSITION**
[54] **AGRAFEUSE CHIRURGICALE COMPORTANT UNE POSITION DE FERMETURE INTERMEDIAIRE**
[72] BAXTER, CHESTER O., III, US
[72] BEDI, JAMES J., US
[73] ETHICON ENDO-SURGERY, INC., US
[86] (2679239)
[87] (2679239)
[22] 2009-09-18
[30] US (12/234,143) 2008-09-19

---

[11] **2,680,802**
[13] C
[51] **Int.Cl. F41A 17/06 (2006.01) F41A 35/00 (2006.01) F41G 9/00 (2006.01)**
[25] EN
[54] **STORE MANAGEMENT SYSTEM AND METHOD OF OPERATING THE SAME**
[54] **SYSTEME DE GESTION D'ENTREPOSAGE ET METHODE D'EXPLOITATION CONNEXE**
[72] LASSINI, STEFANO ANGELO MARIO, US
[72] BUEHLER, ERIC DANIEL, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2680802)
[87] (2680802)
[22] 2009-09-24
[30] US (12/241,997) 2008-09-30

---

[11] **2,682,275**
[13] C
[51] **Int.Cl. B01L 3/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) B81C 1/00 (2006.01) G01N 15/00 (2006.01)**
[25] EN
[54] **METHODS OF MACROMOLECULAR ANALYSIS USING NANOCHANNEL ARRAYS**
[54] **PROCEDES D'ANALYSE MACROMOLECULAIRE UTILISANT DES RESEAUX DE NANOCANAUX**
[72] BOYCE-JACINO, MICHAEL, US
[72] CAO, HAN, US
[72] DESHPANDE, PARIKSHIT, A., US
[72] AUSTIN, MICHAEL, D., US
[73] BIONANO GENOMICS, INC., US
[85] 2009-09-25
[86] 2008-03-28 (PCT/US2008/058671)
[87] (WO2008/121828)
[30] US (60/908,582) 2007-03-28
[30] US (60/908,584) 2007-03-28

---

[11] **2,682,726**
[13] C
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **METHODS FOR INHIBITING THE BINDING OF ENDOSIALIN TO LIGANDS**
[54] **PROCEDES POUR INHIBER LA LIAISON DE L'ENDOSIALINE A DES LIGANDS**
[72] ZHOU, YUHONG, US
[72] TOMKOWICZ, BRIAN E., US
[72] GRASSO, LUIGI, US
[72] SASS, PHILIP M., US
[72] NICOLAIDES, NICHOLAS C., US
[73] MORPHOTEK, INC., US
[85] 2009-10-01
[86] 2008-04-04 (PCT/US2008/059374)
[87] (WO2008/124570)
[30] US (60/910,362) 2007-04-05
[30] US (60/980,026) 2007-10-15

---

[11] **2,684,152**
[13] C
[51] **Int.Cl. H04B 10/075 (2013.01) H04B 10/25 (2013.01) H04B 10/2581 (2013.01) H04J 14/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING IN-BAND OPTICAL NOISE**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER UN BRUIT OPTIQUE DANS LA BANDE**
[72] BRETON, YVES, CA
[72] GARIEPY, DANIEL, CA
[72] HE, GANG, CA
[73] EXFO INC., CA
[85] 2009-10-05
[86] 2008-04-04 (PCT/CA2008/000647)
[87] (WO2008/122123)
[30] US (60/910,352) 2007-04-05

---

[11] **2,687,691**
[13] C
[51] **Int.Cl. G06Q 30/02 (2012.01) H04H 60/33 (2009.01) H04H 60/48 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO IDENTIFY INTENTIONALLY PLACED PRODUCTS**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION DE PRODUITS INTEGRES DE MANIERE INTENTIONNELLE**
[72] HARKNESS, DAVID H., US
[72] RAMASWAMY, ARUN, US
[73] THE NIELSEN COMPANY (US) LLC, US
[85] 2009-11-18
[86] 2008-03-14 (PCT/US2008/057095)
[87] (WO2008/118664)
[30] US (60/896,389) 2007-03-22

[11] **2,687,901**
[13] C
[51] **Int.Cl. A61K 8/893 (2006.01) A61K 8/81 (2006.01) A61Q 5/00 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS HAVING IMPROVED TRANSFER RESISTANCE**
[54] **COMPOSITIONS COSMETIQUES A RESISTANCE AMELIOREE AU TRANSFERT**
[72] ZHENG, TAO, US
[72] FLEISSMAN, LEONA G., US
[72] RAOUF, MAHA, US
[72] PATEL, SONAL, US
[73] AVON PRODUCTS, INC., US
[86] (2687901)
[87] (2687901)
[22] 2009-12-04

---

[11] **2,689,175**
[13] C
[51] **Int.Cl. F02C 3/055 (2006.01) F01C 1/16 (2006.01) F02C 3/067 (2006.01) F04C 2/16 (2006.01)**
[25] EN
[54] **POSITIVE DISPLACEMENT ROTARY COMPONENTS HAVING MAIN AND GATE ROTORS WITH AXIAL FLOW INLETS AND OUTLETS**
[54] **ELEMENTS ROTATIFS A DEPLACEMENT DIRECT POURVUS DE ROTOR PRINCIPAL ET DE ROTOR SECONDAIRE AVEC ADMISSIONS ET SORTIES AXIALES DE DEBIT**
[72] MURROW, KURT DAVID, US
[72] GIFFIN, ROLLIN GEORGE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2689175)
[87] (2689175)
[22] 2009-12-23
[30] US (12/347,617) 2008-12-31

---

[11] **2,689,503**
[13] C
[51] **Int.Cl. H02M 7/44 (2006.01) H02M 7/49 (2007.01)**
[25] EN
[54] **PREDICTION SCHEME FOR STEP WAVE POWER CONVERTER AND INDUCTIVE INVERTER TOPOLOGY**
[54] **MODELE PREDICTIF POUR UN CONVERTISSEUR DE PUISSANCE A COMMUTATION PAR PALIERS ET TOPOLOGIE D'ONDULEUR INDUCTIF**
[72] SACHDEVA, RISHI, CA
[72] MORASH, RUSSELL JACK, CA
[73] SUSTAINABLE ENERGY TECHNOLOGIES, CA
[85] 2009-12-03
[86] 2008-06-04 (PCT/IB2008/003541)
[87] (WO2009/044293)
[30] US (60/941,939) 2007-06-04
[30] US (60/943,818) 2007-06-13

---

[11] **2,690,215**
[13] C
[51] **Int.Cl. G01B 21/16 (2006.01) G01B 7/14 (2006.01) G11C 23/00 (2006.01)**
[25] EN
[54] **AUTOMATED SENSOR SPECIFIC CALIBRATION THROUGH SENSOR PARAMETER DOWNLOAD**
[54] **ETALONNAGE AUTOMATISE SPECIFIQUE DE CAPTEURS PAR TELECHARGEMENT DES PARAMETRES DES CAPTEURS**
[72] ANDARAWIS, EMAD ANDARAWIS, US
[72] HASZ, WAYNE CHARLES, US
[72] CHAN, DAVID SO KEUNG, US
[72] SHADDOCK, DAVID MULFORD, US
[72] DOWN, JOHN HARRY, US
[72] DASGUPTA, SAMHITA, US
[72] PARRY, DAVID WALTER, US
[72] ESLER, DAVID RICHARD, US
[72] REN, ZHIYUAN, US
[72] BALASUBRAMANIAM, MAHADEVAN, US
[72] HERRON, WILLIAM LEE (DECEASED), US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2690215)
[87] (2690215)
[22] 2010-01-14
[30] US (12/360,485) 2009-01-27

---

[11] **2,690,319**
[13] C
[51] **Int.Cl. A61H 15/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MASSAGING THE FINGERS**
[54] **APPAREIL DE MASSAGE DIGITAL**
[72] GALVEZ CAMPOS, JOSE LUIS, ES
[73] GALVEZ CAMPOS, JOSE LUIS, ES
[86] (2690319)
[87] (2690319)
[22] 2010-01-14
[30] ES (P200900120) 2009-01-16

---

[11] **2,691,387**
[13] C
[51] **Int.Cl. F24C 3/08 (2006.01)**
[25] EN
[54] **PEDESTAL FOR A BURNER OF A HOUSEHOLD APPLIANCE**
[54] **SOCLE DE BRULEUR POUR APPAREIL ELECTROMENAGER**
[72] ADAMS, DAVID, US
[72] BRADEN, BEN, US
[72] DORSTEN, RUSSELL, US
[72] GREY, JONATHAN, US
[72] HENDRICKS, DONALD, US
[72] HILL, CHRIS, US
[72] NOWAK, DAVID, US
[72] RUSSELL, TIM, US
[72] SADTLER, GRAHAM, US
[72] SPRINGER, PHIL, US
[73] BSH HOME APPLIANCE CORPORATION, US
[86] (2691387)
[87] (2691387)
[22] 2010-01-28
[30] US (12/368,493) 2009-02-10

[11] **2,691,468**
[13] C
[51] **Int.Cl. C07D 473/08 (2006.01) A61K 31/522 (2006.01)**
[25] EN
[54] **SUBSTITUTED XANTHINE COMPOUNDS AND METHODS TO TREAT DISEASES MEDIATED BY TRPA1**
[54] **COMPOSES DE XANTHINE SUBSTITUEE ET METHODES DE TRAITEMENT DES MALADIES ATTENUEES PAR TRPA1**
[72] NG, HOWARD, US
[72] WEIGELE, MANFRED, US
[72] MORAN, MAGDALENE, US
[72] CHONG, JAYHONG, US
[72] FANGER, CHRISTOPHER, US
[72] LARSEN, GLENN R., US
[72] DEL CAMINO, DONATO, US
[72] HAYWARD, NEIL, US
[72] ADAMS, STEVEN P., US
[72] RIPKA, AMY, US
[73] HYDRA BIOSCIENCES, INC., US
[85] 2009-12-16
[86] 2008-06-23 (PCT/US2008/067901)
[87] (WO2009/002933)
[30] US (60/945,840) 2007-06-22
[30] US (60/945,866) 2007-06-22

[11] **2,695,238**
[13] C
[51] **Int.Cl. H01J 27/02 (2006.01) F03H 1/00 (2006.01) H01J 37/08 (2006.01) H01J 37/317 (2006.01)**
[25] FR
[54] **HALL EFFECT ION EJECTION DEVICE**
[54] **DISPOSITIF D'EJECTION D'IONS A EFFET HALL**
[72] GUYOT, MARCEL, FR
[72] RENAUDIN, PATRICE, FR
[72] CAGAN, VLADIMIR, FR
[72] BONIFACE, CLAUDE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] LE CENTRE NATIONAL D'ETUDES SPATIALES, FR
[73] L'UNIVERSITE DE VERSAILLES SAINT QUENTIN EN YVELINES, FR
[85] 2010-01-29
[86] 2008-08-04 (PCT/EP2008/060241)
[87] (WO2009/016264)
[30] FR (07 05658) 2007-08-02

[11] **2,697,307**
[13] C
[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD FOR DIAGNOSING THE METABOLIC SYNDROME (MS)**
[54] **PROCEDE DE DIAGNOSTIC DU SYNDROME METABOLIQUE**
[72] DIEPLINGER, HANS, AT
[72] KRONENBERG, FLORIAN, AT
[72] WILLEIT, JOHANN, AT
[72] KIECHL, STEFAN, AT
[72] ENGEL, WOLFGANG, DE
[73] DIEPLINGER, HANS, AT
[85] 2010-03-04
[86] 2008-09-04 (PCT/AT2008/000315)
[87] (WO2009/029971)
[30] AT (A 1378/2007) 2007-09-04

[11] **2,698,297**
[13] C
[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] FR
[54] **CONTACT LENS**
[54] **LENTILLE DE CONTACT**
[72] PERRIN, GERARD, FR
[73] LABORATOIRE PRECILENS, FR
[85] 2010-03-01
[86] 2008-07-28 (PCT/FR2008/001125)
[87] (WO2009/047411)
[30] FR (0706572) 2007-09-19

[11] **2,698,863**
[13] C
[51] **Int.Cl. B29C 70/70 (2006.01) F03D 13/20 (2016.01) E04H 12/34 (2006.01)**
[25] EN
[54] **VERTICAL MANUFACTURING OF COMPOSITE WIND TURBINE TOWER**
[54] **FABRICATION A LA VERTICALE D'UNE TOUR D'EOLIENNE EN MATERIAUX MIXTES**
[72] ZHENG, DANIAN, US
[72] WILLEY, LAWRENCE D., US
[72] LIN, WENDY W., US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2698863)
[87] (2698863)
[22] 2010-04-01
[30] US (12/425,649) 2009-04-17

[11] **2,699,910**
[13] C
[51] **Int.Cl. E01C 9/08 (2006.01) E01D 15/12 (2006.01) E01D 15/133 (2006.01)**
[25] EN
[54] **MODULAR ROADWAY**
[54] **ROUTE MODULAIRE**
[72] CORSER, CRAIG, CA
[73] CORSER, CRAIG, CA
[86] (2699910)
[87] (2699910)
[22] 2010-04-13

[11] **2,700,223**
[13] C
[51] **Int.Cl. B31B 70/14 (2017.01) B31B 70/64 (2017.01) B65D 81/05 (2006.01)**
[25] EN
[54] **WEB AND METHOD FOR MAKING FLUID FILLED UNITS**
[54] **BANDE CONTINUE ET PROCEDE DE REALISATION D'UNITES REMPLIES DE FLUIDE**
[72] WEHRMANN, RICK STEVEN, US
[72] LERNER, BERNARD, US
[73] AUTOMATED PACKAGING SYSTEMS, INC., US
[85] 2010-03-18
[86] 2008-10-28 (PCT/US2008/081410)
[87] (WO2009/058749)
[30] US (60/983,940) 2007-10-31

[11] **2,700,735**
[13] C
[51] **Int.Cl. H05B 6/10 (2006.01) E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **INDUCTION HEATERS USED TO HEAT SUBSURFACE FORMATIONS**
[54] **DISPOSITIFS DE CHAUFFAGE PAR INDUCTION UTILISES POUR CHAUFFER DES FORMATIONS SOUTERRAINES**
[72] BASS, RONALD MARSHALL, US
[72] NGUYEN, SCOTT VINH, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2010-03-24
[86] 2008-10-13 (PCT/US2008/079707)
[87] (WO2009/052045)
[30] US (60/999,839) 2007-10-19
[30] US (61/046,329) 2008-04-18

[11] **2,700,809**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/12 (2009.01)**
[25] EN
[54] **PROCESS TO PROTECT AGAINST VIRUSES/SPAM IN MOBILE BROADCAST NETWORKS**
[54] **PROCEDE ANTIVIRUS/SPAM DANS DES RESEAUX RADIOMOBILES**
[72] ROEBKE, MATTHIAS, DE
[73] T-MOBILE INTERNATIONAL AG, DE
[85] 2010-03-25
[86] 2008-09-13 (PCT/EP2008/007582)
[87] (WO2009/043435)
[30] DE (01 2007 045 909.4) 2007-09-26

---

[11] **2,700,937**
[13] C
[51] **Int.Cl. A61K 39/145 (2006.01) A61K 39/39 (2006.01) A61P 31/16 (2006.01)**
[25] EN
[54] **METHOD OF ELICITING AN IMMUNE RESPONSE AGAINST PANDEMIC INFLUENZA VIRUS**
[54] **PROCEDE D'ELICITATION D'UNE REPONSE IMMUNITAIRE DIRIGEE CONTRE LE VIRUS DE L'INFLUENZA PANDEMIQUE**
[72] PEARSE, MARTIN, AU
[72] ROCKMAN, STEVE, AU
[72] RYAN, DAVID, AU
[73] CSL LIMITED, AU
[85] 2010-03-30
[86] 2008-10-09 (PCT/AU2008/001500)
[87] (WO2009/046497)
[30] US (60/979,572) 2007-10-12

---

[11] **2,701,121**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **SCHEMA NEGOTIATION FOR VERSIONED DOCUMENTS TRANSMITTED IN A DISTRIBUTED ENVIRONMENT**
[54] **NEGOCIATION DE SCHEMA POUR DES DOCUMENTS VERSIONES TRANSMIS DANS UN ENVIRONNEMENT DISTRIBUE**
[72] BAKKER, JAN JOHN-LUC, US
[72] ALLEN, ANDREW, US
[72] BUCKLEY, ADRIAN, US
[73] BLACKBERRY LIMITED, CA
[85] 2010-03-29
[86] 2008-09-29 (PCT/US2008/078138)
[87] (WO2009/045959)
[30] US (60/976,419) 2007-09-29
[30] US (60/978,976) 2007-10-10

---

[11] **2,701,261**
[13] C
[51] **Int.Cl. F15B 21/12 (2006.01)**
[25] EN
[54] **AT-SURFACE TOOL FOR PULSED INJECTION OF LIQUIDS**
[54] **OUTIL POUR INJECTION PULSEE DE LIQUIDES SUR LA SURFACE DE PIECES**
[72] GRAHAM, BENJAMIN E., CA
[72] MASSE, ANDRE M., CA
[72] DAVIDSON, BRETT C., CA
[73] WAVEFRONT RESERVOIR TECHNOLOGIES LTD., CA
[86] (2701261)
[87] (2701261)
[22] 2010-04-21
[30] GB (0907081.4) 2009-04-24

---

[11] **2,703,103**
[13] C
[51] **Int.Cl. A61L 27/24 (2006.01) A61L 27/54 (2006.01) A61L 31/04 (2006.01) A61L 31/16 (2006.01)**
[25] EN
[54] **USE OF A REGENERATIVE BIOFUNCTIONAL COLLAGEN BIOMATRIX FOR TREATING VISCERAL OR PARIETAL DEFECTS**
[54] **UTILISATION DE BIOMATRICE DE COLLAGENE BIOFONCTIONNELLE RENEGERATRICE PERMETTANT DE TRAITER DES LESIONS PARIETALES OU VISCERALES**
[72] ODAR, JOHANN, DE
[72] NISTOR-GALLO, RAYMOND, AT
[72] CALIARI, LAURA, IT
[73] BAXTER HEALTHCARE S.A., CH
[73] BAXTER INTERNATIONAL INC., US
[85] 2010-04-20
[86] 2008-10-29 (PCT/EP2008/009139)
[87] (WO2009/056298)
[30] US (60/983,776) 2007-10-30

---

[11] **2,704,884**
[13] C
[51] **Int.Cl. B01J 20/22 (2006.01) C09C 1/02 (2006.01) C09D 5/34 (2006.01) E04C 2/02 (2006.01) E04F 13/00 (2006.01)**
[25] EN
[54] **PLASTER-BASED MATERIAL INCLUDING AN AGENT CAPABLE OF TRAPPING FORMALDEHYDE**
[54] **MATERIAU A BASE DE PLATRE COMPRENANT UN AGENT POUVANT PIEGER LE FORMALDEHYDE**
[72] SAHAY-TURNER, PARNIKA, GB
[73] BPB LIMITED, GB
[86] (2704884)
[87] (2704884)
[22] 2010-05-25
[30] EP (09176123.9) 2009-11-16

[11] **2,704,899**
[13] C
[51] **Int.Cl. E04D 3/36 (2006.01) E04B 1/38 (2006.01) E04B 1/62 (2006.01) E04D 3/366 (2006.01)**
[25] EN
[54] **ANCHORING SYSTEM FOR A ROOF PANEL SYSTEM**
[54] **SYSTEME D'ANCRAGE POUR SYSTEME DE PANNEAUX DE TOIT**
[72] RESSO, FRANK, US
[72] JONES, GEORGE, US
[72] NELSON, RON, US
[72] HUBER, MICHAEL, US
[72] PIERSON, JOHN, US
[73] GARLAND INDUSTRIES, INC., US
[86] (2704899)
[87] (2704899)
[22] 2010-05-21
[30] US (61/183,728) 2009-06-03

---

[11] **2,705,875**
[13] C
[51] **Int.Cl. G01V 15/00 (2006.01) B42D 25/24 (2014.01) B42D 25/305 (2014.01) G06K 19/07 (2006.01)**
[25] EN
[54] **SECURITY DOCUMENT**
[54] **DOCUMENT DE SECURITE**
[72] PETERS, JOHN ANTHONY, CH
[72] SCHINDLER, ULRICH, CH
[73] LEONHARD KURZ STIFTUNG & CO. KG, DE
[86] (2705875)
[87] (2705875)
[22] 2010-05-28
[30] DE (102009023715.1-26) 2009-06-03

---

[11] **2,706,300**
[13] C
[51] **Int.Cl. C07K 16/16 (2006.01) A61K 39/395 (2006.01) A61P 25/34 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **HUMAN MONOCLONAL NICOTINE SPECIFIC ANTIBODIES**
[54] **ANTICORPS MONOCLONAUX HUMAINS SPECIFIQUES A LA NICOTINE**
[72] BACHMANN, MARTIN, CH
[72] BAUER, MONIKA, CH
[72] BEERLI, ROGER, CH
[72] MAURER, PATRIK, CH
[73] CYTOS BIOTECHNOLOGY AG, CH
[85] 2010-05-18
[86] 2008-09-11 (PCT/EP2008/062104)
[87] (WO2009/068335)
[30] EP (07121874.7) 2007-11-29
[30] EP (08008993.1) 2008-05-15

---

[11] **2,706,827**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **AUTHENTICATION METHOD WITHOUT CREDENTIAL DUPLICATION FOR USERS BELONGING TO DIFFERENT ORGANIZATIONS**
[54] **PROCEDE D'AUTHENTIFICATION SANS DUPLICATION DES INFORMATIONS D'IDENTIFICATION POUR LES UTILISATEURS APPARTENANT A DES ORGANISATIONS DIFFERENTES**
[72] GHITTINO, ANDREA, IT
[72] ANNESE, STEFANO, IT
[72] BORRI, ROBERTO, IT
[72] SAGLIOCCO, SERGIO, IT
[73] CSP - INNOVAZIONE NELLE ICT SCARL, IT
[73] S.I.SV.EL. S.P.A. SOCIETA' ITALIANA PER LO SVILUPPO DELL'ELETTRONICA, IT
[85] 2010-05-26
[86] 2008-11-24 (PCT/IB2008/003194)
[87] (WO2009/068956)
[30] IT (TO2007A000853) 2007-11-26

---

[11] **2,707,351**
[13] C
[51] **Int.Cl. A61N 1/34 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **IMPROVED CRANIAL-ELECTRO STIMULATOR**
[54] **ELECTROSTIMULATEUR CRANIEN AMELIORE**
[72] SIEVER, DAVID, CA
[73] MIND ALIVE INC., CA
[86] (2707351)
[87] (2707351)
[22] 2010-06-10

---

[11] **2,708,258**
[13] C
[51] **Int.Cl. A23L 15/00 (2016.01)**
[25] EN
[54] **METHOD OF PRODUCING EGG YOLK BASED FUNCTIONAL FOOD PRODUCT AND PRODUCTS OBTAINABLE THEREBY**
[54] **PROCEDE DE PRODUCTION DE PRODUITS ALIMENTAIRES FONCTIONNELS A BASE DE JAUNE D'OEUF ET PRODUITS POUVANT ETRE OBTENUS A L'AIDE DE CELUI-CI**
[72] THIELEN, WILHELMUS JOHANNES GERTRUDES, NL
[72] BERENDSCHOT, TOUSSAINT THERESIA JOHANNES MARIA, NL
[72] NELISSEN, JOSEPH WILHELMUS PETRUS MARIA, NL
[72] PLAT, JOGCHUM, NL
[73] NEWTRICIOUS B.V., NL
[85] 2010-06-07
[86] 2008-12-17 (PCT/NL2008/050810)
[87] (WO2009/078716)
[30] EP (07123322.5) 2007-12-17

---

[11] **2,708,419**
[13] C
[51] **Int.Cl. F16B 25/10 (2006.01) F16B 33/02 (2006.01) F16B 35/04 (2006.01) F16B 39/282 (2006.01)**
[25] EN
[54] **CRACK-PROOF SCREW**
[54] **VIS ANTI-FISSURES**
[72] LIN, TENG-HUNG, TW
[73] FONG PREAN INDUSTRIAL CO., LTD., TW
[86] (2708419)
[87] (2708419)
[22] 2010-06-21

[11] **2,708,538**
[13] C
[51] **Int.Cl. A61K 8/49 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **TOPICAL COMPOSITIONS CONTAINING DESTHIOBIOTIN AND ITS DERIVATIVES AND A METHOD OF TREATING SKIN**
[54] **COMPOSITIONS TOPIQUES CONTENANT DE LA DESTHIOBIOTINE ET SES DERIVES ET PROCEDE DE TRAITEMENT DE LA PEAU**
[72] PTCHELINTSEV, DMITRI S., US
[72] LUO, XIAOCHUN, US
[72] CHEN, SIMING W., US
[73] AVON PRODUCTS, INC., US
[85] 2010-06-08
[86] 2008-11-19 (PCT/US2008/084005)
[87] (WO2009/085443)
[30] US (61/015,703) 2007-12-21

---

[11] **2,708,569**
[13] C
[51] **Int.Cl. B25G 1/10 (2006.01) B25G 1/00 (2006.01)**
[25] EN
[54] **HANDLE**
[54] **POIGNEE**
[72] SILVERS, MICHAEL HENRY, AU
[72] TAM, SAM, AU
[73] HOWARD SILVERS & SON PTY LTD, AU
[86] (2708569)
[87] (2708569)
[22] 2010-06-25
[30] US (12/545,806) 2009-08-21
[30] US (29/342,334) 2009-08-21
[30] US (61/332,909) 2010-03-10
[30] US (29/361,249) 2010-05-07
[30] US (29/361,252) 2010-05-07
[30] US (12/814,423) 2010-06-11

---

[11] **2,708,655**
[13] C
[51] **Int.Cl. D06M 15/11 (2006.01) C10M 143/10 (2006.01) C10M 143/12 (2006.01) D06M 15/227 (2006.01) D06M 15/233 (2006.01)**
[25] EN
[54] **BASE INTERLINING, METHODS FOR THEIR MANUFACTURE AND APPLICATION THEREOF**
[54] **ENTOILAGES DE BASE, LEURS PROCEDES DE FABRICATION ET LEURS APPLICATIONS**
[72] GAMERT, SVEN, DE
[72] DRAXO, KRISTER, SE
[73] JOHNS MANVILLE, US
[85] 2010-06-09
[86] 2008-12-08 (PCT/US2008/085845)
[87] (WO2009/079254)
[30] DE (10 2007 060 494.9) 2007-12-14

---

[11] **2,711,379**
[13] C
[51] **Int.Cl. A23L 3/015 (2006.01) A23L 5/20 (2016.01) A23C 1/00 (2006.01) A23C 7/04 (2006.01) A23L 3/3418 (2006.01) A23L 3/40 (2006.01)**
[25] EN
[54] **METHOD OF TREATING LIQUID FOOD**
[54] **PROCEDE DE TRAITEMENT D'ALIMENTS LIQUIDES**
[72] SATAKE, YOSHINORI, JP
[72] TOYODA, IKURU, JP
[73] MEIJI CO., LTD., JP
[85] 2010-07-05
[86] 2008-12-26 (PCT/JP2008/073804)
[87] (WO2009/093407)
[30] JP (2008-010147) 2008-01-21

---

[11] **2,713,298**
[13] C
[51] **Int.Cl. A61B 17/064 (2006.01) A61B 17/03 (2006.01)**
[25] EN
[54] **SURGICAL STAPLE**
[54] **AGRAFE CHIRURGICALE**
[72] JOHNSON, PAUL ANTHONY, GB
[72] EDWARDS, DANIEL ROBERT MORGAN, US
[73] TYCO HEALTHCARE GROUP LP, US
[86] (2713298)
[87] (2713298)
[22] 2010-08-17
[30] US (61/235,372) 2009-08-20
[30] US (12/819,384) 2010-06-21

---

[11] **2,714,287**
[13] C
[51] **Int.Cl. H01J 49/10 (2006.01) H01J 49/26 (2006.01)**
[25] EN
[54] **ION SOURCE VESSEL AND METHODS**
[54] **RECIPIENT POUR SOURCE D'IONS ET PROCEDES ASSOCIES**
[72] COUSINS, LISA, CA
[72] JAVAHERY, GHOLAMREZA, CA
[72] JOLLIFFE, CHARLES, CA
[72] SAVTCHENKO, SERGUEI, CA
[73] PERKINELMER HEALTH SCIENCES CANADA, INC., CA
[85] 2010-07-30
[86] 2009-02-02 (PCT/CA2009/000120)
[87] (WO2009/094780)
[30] US (12/024,752) 2008-02-01

---

[11] **2,714,675**
[13] C
[51] **Int.Cl. F16L 41/08 (2006.01) F16L 5/00 (2006.01) F17C 13/04 (2006.01)**
[25] EN
[54] **CONNECTOR ASSEMBLIES FOR FLOW RESTRICTING APPARATUSES**
[54] **ENSEMBLES DE CONNECTEURS POUR DISPOSITIFS LIMITEURS DE DEBIT**
[72] MARQUIS-MARTIN, GUILLAUME HUGO, CA
[73] IPEX TECHNOLOGIES INC., CA
[86] (2714675)
[87] (2714675)
[22] 2010-09-10
[30] US (61/399,726) 2010-07-16

---

[11] **2,715,598**
[13] C
[51] **Int.Cl. F02C 7/28 (2006.01) F01D 25/14 (2006.01) F01D 25/24 (2006.01) F01D 25/28 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **AIR METERING DEVICE FOR GAS TURBINE ENGINE**
[54] **DISPOSITIF DE DOSAGE DE L'AIR POUR TURBINE A GAZ**
[72] DUROCHER, ERIC, CA
[72] LEGARE, PIERRE-YVES, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2715598)
[87] (2715598)
[22] 2010-09-24
[30] US (12/571,987) 2009-10-01

[11] **2,716,188**
[13] C
[51] **Int.Cl. H01L 33/00 (2010.01) H01L 25/075 (2006.01)**
[25] EN
[54] **LED LIGHT ENGINE KERNEL AND METHOD OF MAKING THE KERNEL**
[54] **NOYAU MOTEUR DE LUMIERE DEL ET PROCEDE DE FABRICATION DU NOYAU**
[72] GALVEZ, MIGUEL, US
[73] OSRAM SYLVANIA INC., US
[85] 2010-08-19
[86] 2009-03-12 (PCT/US2009/036954)
[87] (WO2009/114687)
[30] US (12/048,416) 2008-03-14

---

[11] **2,716,400**
[13] C
[51] **Int.Cl. A61K 38/46 (2006.01) A61P 1/00 (2006.01) A61P 1/16 (2006.01) A61P 9/00 (2006.01) A61P 11/00 (2006.01) A61P 17/00 (2006.01) A61P 29/00 (2006.01) A61P 37/04 (2006.01) A61P 39/00 (2006.01) A61P 41/00 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE ACTIVITY OF THE IMMUNE SYSTEM OF A MAMMAL AT RISK OF INFLAMMATORY DISEASES**
[54] **PROCEDE POUR AUGMENTER L'ACTIVITE DU SYSTEME IMMUNITAIRE D'UN MAMMIFERE PRESENTANT UN RISQUE DE MALADIES INFLAMMATOIRES**
[72] BRANDS, RUDI, NL
[73] ALLOKSYS LIFE SCIENCES B.V., NL
[85] 2010-08-20
[86] 2009-02-27 (PCT/EP2009/001603)
[87] (WO2009/106368)
[30] EP (PCT/EP2008/001767) 2008-02-29

---

[11] **2,716,585**
[13] C
[51] **Int.Cl. C12N 1/20 (2006.01) C12N 9/92 (2006.01) C12N 15/52 (2006.01)**
[25] EN
[54] **ZYMOMONAS RECOMBINANT FOR SUBSTITUTED GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE PROMOTER AND XYLOSE ISOMERASE GENE FOR IMPROVED XYLOSE UTILIZATION**
[54] **ZYMOMONAS RECOMBINANTS DESTINES AU PROMOTEUR DE DESHYDROGENASE GLYCERADEHYDE-3-PHOSPHATE SUBSTITUE ET GENE D'ISOMERASE XYLOSE DESTINE A UNE UTILISATION AMELIOREE DU XYLOSE**
[72] VIITANEN, PAUL V., US
[72] TAO, LUAN, US
[72] ZHANG, YUYING, US
[72] CAIMI, PERRY G., US
[72] MCCUTCHEN, CAROL, US
[72] MCCOLE, LAURA, US
[72] ZHANG, MIN, US
[72] CHOU, YAT-CHEN, US
[72] FRANDEN, MARY ANN, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[73] ALLIANCE FOR SUSTAINABLE ENERGY, LLC, US
[85] 2010-08-27
[86] 2009-03-25 (PCT/US2009/038164)
[87] (WO2009/120731)
[30] US (61/039,878) 2008-03-27

---

[11] **2,716,826**
[13] C
[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS**
[54] **SELECTION D'UN MEDICAMENT POUR LE TRAITEMENT DU CANCER DU SEIN A PARTIR DES MATRICES D'ANTICORPS**
[72] SINGH, SHARAT, US
[72] HARVEY, JEANNE, US
[72] KIM, PHILLIP, US
[72] LIU, XINJUN, US
[72] LIU, LIMIN, US
[72] BARHAM, ROBERT, US
[72] NERI, BRUCE, US
[73] DIATECH HOLDINGS, INC., US
[85] 2010-08-24
[86] 2009-02-24 (PCT/US2009/035013)
[87] (WO2009/108637)
[30] US (61/031,319) 2008-02-25
[30] US (61/106,404) 2008-10-17
[30] US (61/108,384) 2008-10-24
[30] US (61/117,908) 2008-11-25
[30] US (61/140,558) 2008-12-23

---

[11] **2,718,880**
[13] C
[51] **Int.Cl. H01L 51/10 (2006.01)**
[25] EN
[54] **JUNCTION FIELD EFFECT TRANSISTORS ON PAPER-BASED SUBSTRATE WITH MEMORY AND PROCESS FOR MAKING THEREOF**
[54] **TRANSISTOR A EFFET DE CHAMP EN JONCTION SUR UN SUBSTRAT EN PAPIER DOTE D'UNE MEMOIRE ET PROCEDE DE FABRICATION ASSOCIEE**
[72] FERRAO DE PAIVA MARTINS, RODRIGO, PT
[72] CORREIA FORTUNATO, ELVIRA MARIA, PT
[72] NUNES PEREIRA, LUIS MIGUAL, PT
[72] CANDIDO BARQUINHA, PEDRO MIGUELPT, PT
[72] DE OLIVEIRA CORREIA, NUNO FILIPE, PT
[73] FACULDADE DE CIENCIAS E TECNOLOGIA DA UNIVERSIDADE NOVA DE LISBOA, PT
[85] 2010-09-17
[86] 2009-03-20 (PCT/IB2009/005053)
[87] (WO2009/115913)
[30] PT (103999) 2008-03-20

[11] **2,719,758**
[13] C
[51] **Int.Cl. C08G 18/10 (2006.01) C08G 18/32 (2006.01) C08G 18/36 (2006.01) C08G 18/50 (2006.01) C08G 18/62 (2006.01) C08G 18/63 (2006.01) C08G 18/67 (2006.01) C08K 5/00 (2006.01) C08L 75/04 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **TWO PART HYBRID ADHESIVE**
[54] **ADHESIF HYBRIDE EN DEUX PARTIES**
[72] WANG, YONGXIA, US
[72] PAUL, CHARLES W., US
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2010-09-27
[86] 2009-03-20 (PCT/US2009/037739)
[87] (WO2009/120588)
[30] US (12/058,023) 2008-03-28

[11] **2,720,427**
[13] C
[51] **Int.Cl. B29C 51/00 (2006.01) B29C 39/02 (2006.01) C08J 11/06 (2006.01) C10L 5/48 (2006.01)**
[25] EN
[54] **METHOD FOR UTILIZING ALTERNATIVE FUELS**
[54] **PROCEDE DE VALORISATION DE COMBUSTIBLES ALTERNATIFS**
[72] HOUDE, ROBERT, CA
[73] HOLCIM TECHNOLOGY LTD., CH
[85] 2010-10-01
[86] 2009-03-20 (PCT/IB2009/000562)
[87] (WO2009/122248)
[30] AT (A 530/2008) 2008-04-03

[11] **2,721,988**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **A STEAM-GAS-SOLVENT (SGS) PROCESS FOR RECOVERY OF HEAVY CRUDE OIL AND BITUMEN**
[54] **PROCEDE DE RECUPERATION DU BRUT LOURD ET DU BITUME PAR INJECTION D'UN MELANGE DE VAPEUR, DE GAZ ET DE SOLVANT**
[72] NASR, TAWFIK NOAMAN, US
[72] BROWN, DAVID A., US
[73] CONOCOPHILLIPS COMPANY, US
[86] (2721988)
[87] (2721988)
[22] 2010-11-22
[30] US (61/386867) 2010-09-27

[11] **2,724,238**
[13] C
[51] **Int.Cl. H01J 49/42 (2006.01)**
[25] EN
[54] **METHOD OF AVOIDING SPACE CHARGE SATURATION EFFECTS IN AN ION TRAP**
[54] **PROCEDE PERMETTANT D'EVITER LES EFFETS DE SATURATION DE CHARGE D'ESPACE DANS UN PIEGE A IONS**
[72] GREEN, MARTIN RAYMOND, GB
[72] WILDGOOSE, JASON LEE, GB
[73] MICROMASS UK LIMITED, GB
[85] 2010-11-12
[86] 2009-06-08 (PCT/GB2009/001434)
[87] (WO2009/150410)
[30] GB (0810599.1) 2008-06-10
[30] US (61/078,827) 2008-07-08

[11] **2,726,015**
[13] C
[51] **Int.Cl. B01J 20/285 (2006.01) B01J 20/32 (2006.01) C08F 4/52 (2006.01) C08F 279/00 (2006.01)**
[25] EN
[54] **CE(IV)-INITIATED GRAFT POLYMERISATION ON POLYMERS CONTAINING NO HYDROXYL GROUPS**
[54] **POLYMERISATION-GREFFAGE INITIEE PAR CE(IV) SUR DES POLYMERES NE CONTENANT PAS DE GROUPES HYDROXYLE**
[72] JOEHNCK, MATTHIAS, DE
[73] MERCK PATENT GMBH, DE
[85] 2010-11-26
[86] 2009-05-05 (PCT/EP2009/003195)
[87] (WO2009/143953)
[30] EP (08009923.7) 2008-05-30

[11] **2,726,598**
[13] C
[51] **Int.Cl. C12N 15/09 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **CONTROLLABLE ASSEMBLY AND DISASSEMBLY OF NANOPARTICLE SYSTEMS VIA PROTEIN AND DNA AGENTS**
[54] **ASSEMBLAGE ET DESASSEMBLAGE CONTROLABLES DE SYSTEMES DE NANOPARTICULES PAR DES PROTEINES ET DES AGENTS D'ADN**
[72] LEE, SOO-KWAN, US
[72] GANG, OLEG, US
[72] VAN DER LELIE, DANIEL, US
[73] BROOKHAVEN SCIENCE ASSOCIATES, US
[85] 2010-12-01
[86] 2009-06-02 (PCT/US2009/045983)
[87] (WO2009/149091)
[30] US (61/058,037) 2008-06-02

[11] **2,726,841**
[13] C
[51] **Int.Cl. F16K 24/04 (2006.01) E03F 5/08 (2006.01) E03F 5/14 (2006.01) F16K 31/22 (2006.01) F16L 55/07 (2006.01)**
[25] EN
[54] **A WASTEWATER VALVE ARRANGEMENT**
[54] **AGENCEMENT DE VANNE D'EAUX USEES**
[72] BEETHAM, PETER, AU
[73] ODOUR TECHNOLOGIES PTY LTD, AU
[85] 2010-12-03
[86] 2009-06-04 (PCT/AU2009/000707)
[87] (WO2009/146499)
[30] AU (2008902888) 2008-06-06

[11] **2,727,091**
[13] C
[51] **Int.Cl. C07H 21/00 (2006.01) C07H 21/02 (2006.01)**
[25] EN
[54] **MRNA CAP ANALOGS**
[54] **ANALOGUES D'ARNM CAP**
[72] KOWALSKA, JOANNA, PL
[72] JEMIELITY, JACEK, PL
[72] DARZYNKIEWICZ, EDWARD, PL
[72] RHOADS, ROBERT E., US
[72] LUKASZEWICZ, MACIEJ, PL
[72] ZUBEREK, JOANNA, PL
[73] UNIWERSYTET WARSZAWSKI, PL
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2010-12-06
[86] 2009-06-04 (PCT/US2009/046249)
[87] (WO2009/149253)
[30] PL (P 385388) 2008-06-06

---

[11] **2,728,385**
[13] C
[51] **Int.Cl. G01N 33/483 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **DEVICE FOR INVESTIGATION OF A FLOW CONDUIT**
[54] **DISPOSITIF D'EXPLORATION DE CONDUIT D'ECOULEMENT**
[72] GUENTHER, AXEL, CA
[72] BOLZ, STEFFEN-SEBASTIAN, CA
[73] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2010-12-17
[86] 2009-06-17 (PCT/CA2009/000852)
[87] (WO2009/152618)
[30] US (61/073,244) 2008-06-17

---

[11] **2,729,331**
[13] C
[51] **Int.Cl. B01D 35/147 (2006.01) B01D 35/153 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING WATER, PARTICULARLY FILTER APPARATUS, AND CARTRIDGE**
[54] **DISPOSITIF DE TRAITEMENT D'EAU, EN PARTICULIER DISPOSITIF DE FILTRATION, ET CARTOUCHE**
[72] FREYSTEDT, BERND, DE
[72] NAMUR, MARC, DE
[73] BRITA GMBH, DE
[85] 2010-12-23
[86] 2009-06-26 (PCT/EP2009/058053)
[87] (WO2009/156509)
[30] DE (10 2008 002 727.8) 2008-06-27

---

[11] **2,729,571**
[13] C
[51] **Int.Cl. G01V 7/16 (2006.01)**
[25] EN
[54] **A GRAVITY GRADIOMETER**
[54] **GRADIOMETRE DE GRAVITE**
[72] VAN KANN, FRANK JOACHIM, AU
[73] TECHNOLOGICAL RESOURCES PTY LTD, AU
[85] 2010-12-29
[86] 2009-09-25 (PCT/AU2009/001282)
[87] (WO2010/034075)
[30] AU (2008904996) 2008-09-25
[30] AU (2008904997) 2008-09-25
[30] AU (2008904995) 2008-09-25

---

[11] **2,730,238**
[13] C
[51] **Int.Cl. A61H 23/00 (2006.01)**
[25] EN
[54] **FOOT COMPRESSION SYSTEM**
[54] **SYSTEME DE COMPRESSION DU PIED**
[72] MAYER, MATTHEW J., US
[72] VON BEHRENS, PETER E., US
[72] MAYER, DAVID, US
[72] RILL, GERHARD B., US
[73] AVEX, LLC, US
[85] 2011-01-07
[86] 2009-07-08 (PCT/US2009/049910)
[87] (WO2010/006030)
[30] US (61/078,847) 2008-07-08

---

[11] **2,730,782**
[13] C
[51] **Int.Cl. H01J 37/00 (2006.01) G01N 31/12 (2006.01) H01J 49/14 (2006.01)**
[25] EN
[54] **ION SOURCE WITH DEVICE FOR OXIDISING A SAMPLE**
[54] **SOURCE D'IONS AVEC DISPOSITIF POUR L'OXYDATION D'UN ECHANTILLON**
[72] BATEMAN, ROBERT HAROLD, GB
[73] MICROMASS UK LIMITED, GB
[85] 2011-01-14
[86] 2009-07-16 (PCT/GB2009/001753)
[87] (WO2010/007368)
[30] GB (0813060.1) 2008-07-16
[30] US (61/082,249) 2008-07-21

---

[11] **2,731,109**
[13] C
[51] **Int.Cl. H03H 17/02 (2006.01)**
[25] EN
[54] **OPTIMIZING PROCESSOR OPERATION IN A PROCESSING SYSTEM INCLUDING ONE OR MORE DIGITAL FILTERS**
[54] **OPTIMISATION DE FONCTIONNEMENT DE PROCESSEUR DANS UN SYSTEME DE TRAITEMENT COMPRENANT UN OU PLUSIEURS FILTRES NUMERIQUES**
[72] MCANALLY, CRAIG B., US
[72] HAYS, PAUL J., US
[73] MICRO MOTION, INC., US
[85] 2011-01-17
[86] 2008-07-30 (PCT/US2008/071627)
[87] (WO2010/014087)

---

[11] **2,731,530**
[13] C
[51] **Int.Cl. F16K 17/00 (2006.01) B60D 1/64 (2006.01) F16K 11/00 (2006.01) F16K 24/00 (2006.01)**
[25] EN
[54] **VALVE WITH VENTING PORT**
[54] **SOUPAPE AVEC ORIFICE D'EVENT**
[72] HO, THANH, US
[73] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[86] (2731530)
[87] (2731530)
[22] 2011-02-11
[30] US (12/715,971) 2010-03-02

[11] **2,732,343**
[13] C
[51] **Int.Cl. A61K 31/80 (2006.01) A61K 31/785 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **SELECTIVE INHIBITION OF POLYGLUTAMINE PROTEIN EXPRESSION**
[54] **INHIBITION SELECTIVE D'EXPRESSION DE PROTEINE DE POLYGLUTAMINE**
[72] COREY, DAVID R., US
[72] HU, JIAXIN, US
[72] MATSUI, MASAYUKI, US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2011-01-27
[86] 2009-07-28 (PCT/US2009/051938)
[87] (WO2010/014592)
[30] US (61/084,350) 2008-07-29

[11] **2,732,644**
[13] C
[51] **Int.Cl. H01Q 13/10 (2006.01) H01Q 1/38 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **WIDEBAND CIRCULARLY POLARIZED HYBRID DIELECTRIC RESONATOR ANTENNA**
[54] **ANTENNE A RESONATEUR DIELECTRIQUE HYBRIDE POLARISEE CIRCULAIREMENT A LARGE BANDE**
[72] MASSIE, GABRIEL, CA
[72] CAILLET, MATHIEU, CA
[72] CLENET, MICHEL, CA
[72] ANTAR, YAHIA, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA
[86] (2732644)
[87] (2732644)
[22] 2011-02-21

[11] **2,733,167**
[13] C
[51] **Int.Cl. B29B 13/06 (2006.01) B29B 13/00 (2006.01)**
[25] EN
[54] **DRYER SYSTEM WITH IMPROVED THROUGHPUT**
[54] **SYSTEME DE SECHOIR AVEC DEBIT AMELIORE**
[72] AARON, CHARLES E., US
[72] BOOTHE, DUANE A., US
[72] LINKENHOKER, JOHN M., US
[72] MORRIS, KERRY P., US
[72] HANNAH, SAMUEL F., US
[72] SMITH, WAYNE L., US
[72] WENRICH, THOMAS C., US
[73] GALA INDUSTRIES, INC., US
[85] 2011-02-04
[86] 2009-09-02 (PCT/US2009/055769)
[87] (WO2010/028074)
[30] US (61/093,588) 2008-09-02
[30] US (61/112,320) 2008-11-07
[30] US (61/219,192) 2009-06-22
[30] US (12/552,163) 2009-09-01

[11] ***2,734,038**
[13] C
[51] **Int.Cl. G10L 15/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR GENERATING VOCAL USER INTERFACE CODE FROM A DATA META-MODEL**
[54] **PROCEDE ET SYSTEME DE GENERATION DE CODE D'INTERFACE UTILISATEUR VOCALE A PARTIR D'UN META-MODELE DE DONNEES**
[72] LEJEUNE, REMI, FR
[72] RIGOLET, JEAN-YVES, FR
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2011-02-11
[86] 2009-10-20 (PCT/EP2009/063704)
[87] (WO2010/069635)
[30] EP (08305979.0) 2008-12-19

[11] **2,734,107**
[13] C
[51] **Int.Cl. G02B 7/188 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **DEFORMABLE MIRROR WITH FORCE ACTUATORS AND DISTRIBUTED STIFFNESS**
[54] **MIROIR DEFORMABLE A ACTIONNEURS DE FORCE ET RAIDEUR REPARTIE**
[72] CAMET, SEBASTIEN, FR
[72] CURIS, JEAN-FRANCOIS, FR
[72] ROOMS, FREDERIC, FR
[73] ALPAO, FR
[85] 2011-02-14
[86] 2009-08-12 (PCT/FR2009/001000)
[87] (WO2010/018326)
[30] FR (08/55579) 2008-08-14

[11] **2,735,111**
[13] C
[51] **Int.Cl. B61D 39/00 (2006.01)**
[25] EN
[54] **RAIL CAR COVER SYSTEM**
[54] **SYSTEME DE COUVERTURE DE WAGON**
[72] KNIGHT, STEVEN JAMES, US
[72] GILMORE, TIMOTHY, US
[72] KOERNER, DAVID, US
[72] KLEINSASSER, KEVIN, US
[72] SCHAEFER, DAVE, US
[72] KNOUSE, TROY, US
[72] DIMMER, JERRY, US
[73] RUSH COMPANY, INC, US
[86] (2735111)
[87] (2735111)
[22] 2011-03-29
[30] US (61/318,658) 2010-03-29

[11] **2,735,197**
[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C07H 21/00 (2006.01)**
[25] EN
[54] **IMAGING INDIVIDUAL MRNA MOLECULES USING MULTIPLE SINGLY LABELED PROBES**
[54] **IMAGERIE DE MOLECULES D'ARNM INDIVIDUELLES UTILISANT DES SONDES MULTIPLES A MARQUAGE UNIQUE**
[72] RAJ, ARJUN, US
[72] TYAGI, SANJAY, US
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2011-02-24
[86] 2009-09-10 (PCT/US2009/056564)
[87] (WO2010/030818)
[30] US (61/191,724) 2008-09-10

---

[11] **2,735,467**
[13] C
[51] **Int.Cl. A01N 37/04 (2006.01)**
[25] EN
[54] **POTENTIATED BIOCIDAL COMPOSITIONS INCLUDING QUATERNARY AMMONIUM COMPOUND AND METHODS OF USE**
[54] **COMPOSITIONS BIOCIDES POTENTIALISEES RENFERMANT UN COMPOSE D'AMMONIUM QUATERNAIRE ET METHODES D'UTILISATION**
[72] CALLAHAN, MOLLY RYAN, US
[72] SHELTON, DAVID, US
[73] STEPAN COMPANY, US
[85] 2011-02-25
[86] 2009-08-26 (PCT/US2009/055064)
[87] (WO2010/027863)
[30] US (61/092,119) 2008-08-27

---

[11] **2,735,508**
[13] C
[51] **Int.Cl. H01L 33/62 (2010.01)**
[25] EN
[54] **LIGHTING MODULE**
[54] **MODULE D'ECLAIRAGE**
[72] SCOTCH, ADAM M., US
[72] SELVERIAN, JOHN, US
[72] HAMBY, DAVID, US
[73] OSRAM SYLVANIA INC., US
[85] 2011-02-28
[86] 2009-07-24 (PCT/US2009/051662)
[87] (WO2010/033301)
[30] US (12/211,351) 2008-09-16

---

[11] **2,735,993**
[13] C
[51] **Int.Cl. B60J 10/70 (2016.01) B60J 1/02 (2006.01)**
[25] EN
[54] **EDGE-ENCAPSULATED PANELS USING HIGH DAMPING FOAM**
[54] **PANNEAUX ENCAPSULES AUX BORDS UTILISANT DE LA MOUSSE A FORT AMORTISSEMENT**
[72] FLENER, MICHAEL J., US
[72] LIDDIARD, CHRISTOPHER J., US
[73] HENKEL AG & CO. KGAA, DE
[85] 2011-03-03
[86] 2009-09-04 (PCT/US2009/055999)
[87] (WO2010/028222)
[30] US (61/094,443) 2008-09-05

---

[11] **2,736,121**
[13] C
[51] **Int.Cl. A01N 43/78 (2006.01) A01N 63/02 (2006.01) A01P 3/00 (2006.01) A01N 25/32 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING PLANT DISEASE USING ETHABOXAM APPLIED TO TRANSGENIC PLANTS**
[54] **METHODE DE CONTROLE DE MALADIE DE VEGETAUX AU MOYEN D'ETHABOXAM APPLIQUE SUR DES PLANTS TRANSGENIQUES**
[72] MEADOR, CHRISTOPHER B., US
[72] ARTHUR, KAREN S., US
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2011-03-03
[86] 2009-09-11 (PCT/US2009/056591)
[87] (WO2010/030833)
[30] US (61/096,438) 2008-09-12

---

[11] **2,736,315**
[13] C
[51] **Int.Cl. B60N 2/28 (2006.01) B60N 2/22 (2006.01)**
[25] EN
[54] **ADJUSTER AND HINGE FOR CHILD BOOSTER SEAT**
[54] **REGLEUR ET CHARNIERE POUR REHAUSSEUR DE VOITURE POUR ENFANT**
[72] PONIATOWSKI, JEFFREY JOSEPH, US
[72] LINDHORST, ROHANNA MARIE, US
[72] BROCKMAN, MARK ANTHONY, CA
[73] CLEK INC., CA
[85] 2011-03-07
[86] 2009-09-08 (PCT/CA2009/001251)
[87] (WO2010/025571)
[30] US (61/191,069) 2008-09-05

---

[11] **2,736,335**
[13] C
[51] **Int.Cl. C07D 471/22 (2006.01) A61K 31/535 (2006.01) A61P 31/04 (2006.01) C07D 498/22 (2006.01) C07D 513/22 (2006.01)**
[25] EN
[54] **FUSED, SPIROCYCLIC HETEROAROMATIC COMPOUNDS FOR THE TREATMENT OF BACTERIAL INFECTIONS**
[54] **COMPOSES HETEROAROMATIQUES SPIROCYCLIQUES FUSIONNES POUR TRAITER LES INFECTIONS BACTERIENNES**
[72] BARVIAN, KEVIN, US
[72] BASARAB, GREGORY STEVEN, US
[72] GOWRAVARAM, MADHUSUDHAN REDDY, US
[72] HAUCK, SHEILA IRENE, US
[72] ZHOU, FEI, US
[73] ENTASIS THERAPEUTICS LIMITED, GB
[85] 2011-03-07
[86] 2009-10-13 (PCT/GB2009/051363)
[87] (WO2010/043893)
[30] US (61/105,189) 2008-10-14

[11] **2,737,372**
[13] C
[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/95 (2013.01)**
[25] EN
[54] **STENT DEVICE DELIVERY SYSTEM**
[54] **SYSTEME DE POSE DE DISPOSITIF DE STENT**
[72] DORN, JUERGEN, DE
[72] HOFFMANN, MARTINA, DE
[72] WALTER, BEATE, DE
[73] ANGIOMED GMBH & CO. MEDIZINTECHNIK KG, DE
[85] 2011-03-15
[86] 2009-09-15 (PCT/EP2009/061918)
[87] (WO2010/031755)
[30] GB (0816965.8) 2008-09-16

---

[11] **2,737,401**
[13] C
[51] **Int.Cl. A61K 9/50 (2006.01) A23C 9/152 (2006.01) A61K 33/00 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **IRON SOURCE PRODUCT IN THE FORM OF CAPSULES AND PROCESS FOR THEIR PREPARATION**
[54] **PRODUIT SOURCE DE FER SOUS FORME DE CAPSULES ET SON PROCEDE DE PREPARATION**
[72] DRUDIS SOLE, GALI, ES
[73] AB-BIOTICS, S.A., ES
[85] 2011-03-15
[86] 2009-10-07 (PCT/EP2009/063059)
[87] (WO2010/040789)
[30] EP (08166052.4) 2008-10-08
[30] US (61/114,261) 2008-11-13

---

[11] **2,738,142**
[13] C
[51] **Int.Cl. B65D 5/42 (2006.01) B31B 50/26 (2017.01)**
[25] EN
[54] **MATERIALS AND METHOD FOR MAKING A CONTAINER WITH A LOCKING CLOSURE**
[54] **MATERIAUX ET PROCEDE POUR FABRIQUER UN CONTENANT A FERMETURE VERROUILLABLE**
[72] LITTLE, TROY, US
[73] GYRE INNOVATIONS, LLC, US
[86] (2738142)
[87] (2738142)
[22] 2011-04-21
[30] US (61/326,781) 2010-04-22
[30] US (13/090,644) 2011-04-20

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[11] **2,738,611**
[13] C
[51] **Int.Cl. C10G 1/02 (2006.01) C07C 1/20 (2006.01) C10B 57/00 (2006.01) C10J 3/00 (2006.01) C11B 3/14 (2006.01)**
[25] EN
[54] **METHOD FOR EXTRACTING GASEOUS HYDROCARBONS FROM BIOGENIC RAW MATERIALS**
[54] **PROCEDE DE PRODUCTION D'HYDROCARBURES GAZEUX A PARTIR DE MATIERES PREMIERES BIOGENES**
[72] HEIL, VOLKER, DE
[72] URBAN, WOLFGANG, DE
[72] KRAFT, AXEL, DE
[72] UNGER, CHRISTOPH, DE
[72] MELLER, KARL, DE
[72] DANZIG, JOACHIM, DE
[72] SEIFERT, ULRICH, DE
[72] MENNE, ANDREAS, DE
[72] FASTABEND, ANNA, DE
[72] ROSSOW, SILVANA, DE
[73] FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2011-03-23
[86] 2009-09-29 (PCT/EP2009/062638)
[87] (WO2010/037756)
[30] DE (10 2008 049 778.9) 2008-09-30

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[11] **2,740,252**
[13] C
[51] **Int.Cl. C08G 65/00 (2006.01)**
[25] EN
[54] **HIGH PURITY DIPHENYL SULFONE, PREPARATION AND USE THEREOF FOR THE PREPARATION OF A POLY(ARYLETHERKETONE)**
[54] **DIPHENYLSULFONE DE PURETE ELEVEE, SA SYNTHESE ET SON APPLICATION A LA SYNTHESE D'UNE POLY(ARYLETHERCETONE)**
[72] LOUIS, CHANTAL, US
[72] GANDY, WILLIAM, US
[72] RYAN, EDWARD, US
[72] UNDERWOOD, GEOFFREY SCOTT, US
[72] YI, KONG, US
[73] SOLVAY ADVANCED POLYMERS, L.L.C., US
[85] 2011-04-11
[86] 2009-10-23 (PCT/EP2009/064007)
[87] (WO2010/046482)
[30] US (61/108,096) 2008-10-24
[30] US (61/108,097) 2008-10-24
[30] US (61/140,205) 2008-12-23

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[11] **2,740,582**
[13] C
[51] **Int.Cl. A61L 27/24 (2006.01) A61L 27/48 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **IMPLANT FORMED FROM A POROUS LAYER COMPRISING A SELF-CROSSLINKED COMPOUND OF A FUNCTIONALIZED COLLAGEN AND A GLYCOSAMINOGLYCAN**
[54] **IMPLANT FORME A PARTIR D'UNE COUCHE POREUSE COMPORTANT UN COMPOSE AUTO-RETICULE DE COLLAGENE FONCTIONNALISE ET DE GLYCOSAMINOGLYCANE**
[72] LADET, SEBASTIEN, FR
[72] GRAVAGNA, PHILIPPE, FR
[73] SOFRADIM PRODUCTION, FR
[85] 2011-04-13
[86] 2009-10-16 (PCT/IB2009/007468)
[87] (WO2010/043978)
[30] US (61/196,487) 2008-10-17

[11] **2,741,007**
[13] C
[51] **Int.Cl. E04C 1/41 (2006.01)**
[25] EN
[54] **THERMALLY INSULATED BUILDING BRICK**
[54] **BRIQUE D'IMMEUBLE A ISOLATION THERMIQUE**
[72] JORGENSEN, KRISTIAN SKOVGAARD, DK
[72] RUPP, ROMAN, DE
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2011-04-18
[86] 2009-10-20 (PCT/EP2009/007496)
[87] (WO2010/046075)
[30] EP (08253400.9) 2008-10-21

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[11] **2,741,428**
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/404 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01) C07D 209/08 (2006.01) C07D 209/10 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **AZAINDOLE DERIVATIVES**
[54] **DERIVE D'AZAINDOLE**
[72] HEINRICH, TIMO, DE
[72] KOOLMAN, HANNES, DE
[73] MERCK PATENT GMBH, DE
[85] 2011-04-21
[86] 2009-09-24 (PCT/EP2009/006911)
[87] (WO2010/046013)
[30] DE (10 2008 052 943.5) 2008-10-23

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[11] **2,741,717**
[13] C
[51] **Int.Cl. C08F 10/02 (2006.01) C08F 297/08 (2006.01)**
[25] EN
[54] **MULTIMODAL POLYMER**
[54] **POLYMERE MULTIMODAL**
[72] PAKKANEN, ANNELI, FI
[72] VAHTERI, MARKKU, FI
[72] PALMLOEF, MAGNUS, SE
[72] ODERKERK, JEROEN, SE
[73] BOREALIS AG, AT
[85] 2011-04-27
[86] 2009-10-30 (PCT/EP2009/007784)
[87] (WO2010/049168)
[30] EP (08253573.3) 2008-10-31

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[11] **2,741,751**
[13] C
[51] **Int.Cl. A61K 9/20 (2006.01) A61K 9/00 (2006.01) A61K 9/48 (2006.01) A61K 31/167 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE ORAL ACETAMINOPHEN/TRAMADOL DOSAGE FORM**
[54] **FORME POSOLOGIQUE ORALE D'ACETAMINOPHENE/TRAMADOL A LIBERATION PROLONGEE**
[72] DAI, WEI-GUO, US
[72] DONG, LIANG-CHANG, US
[72] CHOI, TAE-HONG, KR
[72] HWANG, SUNG JOO, KR
[72] KIM, JAE HYUN, KR
[72] LEE, DONG HO, KR
[73] ALZA CORPORATION, US
[85] 2011-04-27
[86] 2009-10-23 (PCT/US2009/061803)
[87] (WO2010/062524)
[30] US (61/108,618) 2008-10-27

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[11] **2,742,385**
[13] C
[51] **Int.Cl. C25B 9/08 (2006.01) C25B 9/04 (2006.01)**
[25] EN
[54] **ELECTROLYSIS CELL WITH ENHANCED ANODE SUPPORT AND CURRENT DISTRIBUTION**
[54] **CELLULE D'ELECTROLYSE DOTEE D'UN SUPPORT D'ANODE AMELIORE ET DISTRIBUTION DE COURANT**
[72] OTTAVIANI, ANGELO, IT
[72] FEDERICO, FULVIO, IT
[72] PASQUINUCCI, ANTONIO, IT
[72] OLDANI, DARIO, IT
[72] PEREGO, MICHELE, IT
[73] UHDENORA S.P.A., IT
[85] 2011-05-02
[86] 2009-11-16 (PCT/EP2009/065214)
[87] (WO2010/055152)
[30] IT (MI 2008 A 002035) 2008-11-17

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[11] **2,742,394**
[13] C
[51] **Int.Cl. A63F 1/14 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **CARD READING SHOE WITH INVENTORY CORRECTION FEATURE AND METHODS OF CORRECTING INVENTORY**
[54] **SABOT DE LECTURE DE CARTE AVEC FONCTION DE CORRECTION D'INVENTAIRE ET PROCEDES DE CORRECTION D'INVENTAIRE**
[72] GRAUZER, ATTILA, US
[72] SNOW, ROGER M., US
[72] ROBERTS, JAMES R., US
[72] JACKSON, JAMES P., US
[72] WADDS, NATHAN J., US
[72] SCHUBERT, OLIVER M., US
[73] BALLY GAMING, INC., US
[85] 2011-05-02
[86] 2009-11-02 (PCT/US2009/062993)
[87] (WO2010/056562)
[30] US (12/291,909) 2008-11-14
[30] US (12/321,318) 2009-01-16

---

[11] **2,742,819**
[13] C
[51] **Int.Cl. H01J 65/04 (2006.01)**
[25] EN
[54] **MICROWAVE LIGHT SOURCE WITH SOLID DIELECTRIC WAVEGUIDE**
[54] **SOURCE DE LUMIERE HYPERFREQUENCE A GUIDE D'ONDES DIELECTRIQUE SOLIDE**
[72] PRESTON, BERRY, GB
[72] NEATE, ANDREW SIMON, GB
[73] CERAVISION LIMITED, GB
[85] 2011-05-05
[86] 2008-11-14 (PCT/GB2008/003811)
[87] (WO2010/055275)

[11] **2,742,863**
[13] C
[51] **Int.Cl. C07D 223/16 (2006.01) C07D 403/10 (2006.01)**
[25] EN
[54] **METHODS OF SYNTHESIS OF BENZAZEPINE DERIVATIVES**
[54] **PROCEDES DE SYNTHESE DE DERIVES DE BENZAZEPINE**
[72] HOWBERT, J. JEFFRY, US
[72] KUSUKUNTLA, VENKAT, REDDY, US
[72] TRETYAKOV, ALEXANDER, US
[72] YANG, HONG WOON, US
[72] NIELSEN, NATHAN, CA
[72] KRASIK, PAVEL, CA
[72] JIANG, JI-LONG, CA
[73] VENTIRX PHARMACEUTICALS, INC., US
[73] ARRAY BIOPHARMA, INC., US
[85] 2011-05-05
[86] 2009-11-06 (PCT/US2009/063577)
[87] (WO2010/054215)
[30] US (61/112,081) 2008-11-06

---

[11] **2,743,169**
[13] C
[51] **Int.Cl. A61F 2/16 (2006.01)**
[25] EN
[54] **INTRAOCULAR LENS DELIVERY DEVICE HAVING A CARTRIDGE WITH AN INTERNAL COATING**
[54] **DISPOSITIF D'ADMINISTRATION D'UNE LENTILLE INTRAOCULAIRE DOTEE D'UNE CARTOUCHE A REVETEMENT INTERIEUR**
[72] KARAKELLE, MUTLU, US
[72] DOWNER, DAVID A., US
[72] MUCHHALA, SUSHANT, US
[73] ALCON RESEARCH, LTD., US
[85] 2011-05-10
[86] 2009-11-18 (PCT/US2009/064882)
[87] (WO2010/059655)
[30] US (61/116,443) 2008-11-20

---

[11] **2,743,509**
[13] C
[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/03 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR SEALING A VASCULAR PUNCTURE**
[54] **APPAREIL ET PROCEDES DESTINES A SCELLER UNE PONCTION VASCULAIRE**
[72] BAGAOISAN, CELSO J., US
[72] DOMINGO, JUAN, US
[72] DUONG, SIEU, US
[73] ACCESSCLOSURE, INC., US
[85] 2011-05-11
[86] 2009-11-12 (PCT/US2009/064272)
[87] (WO2010/056915)
[30] US (61/114,049) 2008-11-12

---

[11] **2,743,914**
[13] C
[51] **Int.Cl. G06F 3/042 (2006.01) G06F 3/0487 (2013.01) G06F 3/01 (2006.01)**
[25] EN
[54] **MOVEMENT RECOGNITION AS INPUT MECHANISM**
[54] **RECONNAISSANCE DE MOUVEMENT EN TANT QUE MECANISME D'ENTREE**
[72] BEZOS, JEFFREY P., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2011-05-16
[86] 2009-11-20 (PCT/US2009/065364)
[87] (WO2010/059956)
[30] US (61/116,430) 2008-11-20
[30] US (12/332,049) 2008-12-10

---

[11] **2,744,737**
[13] C
[51] **Int.Cl. E02F 3/85 (2006.01)**
[25] EN
[54] **EXTENDABLE MATERIALS BLADE ATTACHMENT FOR A SKID STEER LOADER**
[54] **LAME EXTENSIBLE POUR MATERIAUX POUR CHARGEUR A DIRECTION A GLISSEMENT**
[72] ANDERSON, ALAN, CA
[73] ANDERSON, ALAN, CA
[86] (2744737)
[87] (2744737)
[22] 2011-06-29

---

[11] **2,745,194**
[13] C
[51] **Int.Cl. C10M 125/04 (2006.01) C10M 125/26 (2006.01) C10M 129/24 (2006.01) C10M 133/06 (2006.01) C10M 133/22 (2006.01) C10M 133/40 (2006.01) C10M 169/04 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL LUBRICANT COMPOSITIONS**
[54] **COMPOSITIONS LUBRIFIANTES ANTIMICROBIENNES**
[72] OU-YANG, DAVID TIEN-TUNG, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-05-30
[86] 2009-11-25 (PCT/US2009/065942)
[87] (WO2010/065422)
[30] US (61/118,988) 2008-12-01
[30] US (12/436,404) 2009-05-06

---

[11] **2,746,385**
[13] C
[51] **Int.Cl. G05B 23/00 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **TURBINE LIFESPAN MODELING**
[54] **MODELISATION DE LA DUREE DE VIE D'UNE TURBINE**
[72] MADELONE, JOHN JOSEPH, JR., US
[72] VELAGANDULA, OMPRAKASH, US
[72] KHAN, KHAN MOHAMED KHIRULLAH GENGHIS, US
[72] ALI, MOHAMED AHMED, US
[72] AYHAN, ALI OSMAN, TR
[72] BEHERA, AJAY KUMAR, IN
[72] ISBURGH, ANNE MARIE, US
[72] JAMMU, VINAY BHASKAR, IN
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-06-09
[86] 2009-12-02 (PCT/US2009/066315)
[87] (WO2010/068528)
[30] US (12/333,875) 2008-12-12

[11] **2,746,537**
[13] C
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] FR
[54] **STANDARDIZATION OF DATA USED FOR MONITORING AN AIRCRAFT ENGINE**
[54] **STANDARDISATION DE DONNEES UTILISEES POUR LA SURVEILLANCE D'UN MOTEUR D'AERONEF**
[72] LACAILLE, JEROME, FR
[73] SNECMA, FR
[85] 2011-06-09
[86] 2009-12-14 (PCT/FR2009/052510)
[87] (WO2010/076468)
[30] FR (0858608) 2008-12-15

[11] **2,747,677**
[13] C
[51] **Int.Cl. C07D 401/06 (2006.01) A61K 31/506 (2006.01) A61P 29/00 (2006.01) C07D 401/14 (2006.01) C07D 403/06 (2006.01) C07D 407/14 (2006.01) C07D 413/14 (2006.01) C07D 471/10 (2006.01)**
[25] EN
[54] **CYCLIC PYRIMIDIN-4-CARBOXAMIDES AS CCR2 RECEPTOR ANTAGONISTS FOR TREATMENT OF INFLAMMATION, ASTHMA AND COPD**
[54] **PYRIMIDINE-4 CARBOXAMIDES CYCLIQUES EN TANT QU'ANTAGONISTES DU RECEPTEUR CCR2 POUR LE TRAITEMENT D'INFLAMMATIONS, DE L'ASTHME ET DES BRONCHO-PNEUMOPATHIES CHRONIQUES OBSTRUCTIVES**
[72] EBEL, HEINER, DE
[72] FRATTINI, SARA, DE
[72] GIOVANNINI, RICCARDO, DE
[72] HOENKE, CHRISTOPH, DE
[72] TRIESELMANN, THOMAS, DE
[72] TIELMANN, PATRICK, DE
[72] SCHEUERER, STEFAN, DE
[72] HOBBIE, SILKE (MARIE KATRIN), DE
[72] BUETTNER, FRANK, DE
[73] CENTREXION THERAPEUTICS CORPORATION, US
[85] 2011-06-17
[86] 2009-12-17 (PCT/EP2009/067378)
[87] (WO2010/070032)
[30] EP (08172336.3) 2008-12-19
[30] EP (09160416.5) 2009-05-15

[11] **2,748,320**
[13] C
[51] **Int.Cl. F16L 55/11 (2006.01) F16L 13/00 (2006.01) F16L 47/03 (2006.01)**
[25] EN
[54] **FUSIBLE COMPLETION PLUG**
[54] **BOUCHON DE FINITION FUSIBLE**
[72] RICHARDSON, ALLEN C., US
[72] MATHEWS, BLAKE, US
[73] TDW DELAWARE, INC., US
[85] 2011-06-22
[86] 2009-12-02 (PCT/US2009/066385)
[87] (WO2010/074903)
[30] US (12/340,979) 2008-12-22

[11] **2,748,435**
[13] C
[51] **Int.Cl. A61C 1/00 (2006.01) A61C 15/00 (2006.01) A61C 17/02 (2006.01) A61C 17/028 (2006.01)**
[25] EN
[54] **NON-PRESSURIZED SYSTEM FOR CREATING LIQUID DROPLETS IN A DENTAL CLEANING APPLIANCE**
[54] **SYSTEME NON PRESSURISE PERMETTANT DE CREER DES GOUTTES DE LIQUIDE DANS UN APPAREIL DE NETTOYAGE DENTAIRE**
[72] EDWARDS, DAINIA, NL
[72] KLOSTER, TYLER G., NL
[72] BENNING, WOLTER F., NL
[73] KONINKLIJKE PHILIPS ELECTRONICS, N.V., NL
[85] 2011-06-27
[86] 2009-12-04 (PCT/IB2009/055518)
[87] (WO2010/076694)
[30] US (12/344,852) 2008-12-29

[11] **2,748,590**
[13] C
[51] **Int.Cl. G06F 17/50 (2006.01) G02C 7/02 (2006.01)**
[25] EN
[54] **METHOD FOR CALCULATING A SYSTEM, FOR EXAMPLE AN OPTICAL SYSTEM**
[54] **PROCEDE DE CALCUL D'UN SYSTEME, PAR EXEMPLE UN SYSTEME OPTIQUE**
[72] DE ROSSI, HELENE, FR
[72] MURADORE, FABIEN, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2011-06-29
[86] 2009-12-24 (PCT/EP2009/067924)
[87] (WO2010/076294)
[30] EP (08306028.5) 2008-12-31

[11] **2,749,266**
[13] C
[51] **Int.Cl. A61C 1/00 (2006.01) A61C 8/00 (2006.01)**
[25] EN
[54] **MAXILLARY BONE CUTTING AND INJECTION SYSTEM AND METHOD OF USING THE SAME**
[54] **SYSTEME DE DECOUPE ET D'INJECTION D'OS MAXILLAIRE ET PROCEDE L'UTILISANT**
[72] GORDILS WALLIS, ANTONIO JOSE, VE
[72] LITKE, RONALD G., JR., US
[72] REED, SCOTT, US
[73] INNOVATIVE IMPLANT TECHNOLOGY, LLC, US
[85] 2011-07-08
[86] 2010-01-11 (PCT/US2010/020587)
[87] (WO2010/083114)
[30] US (61/144,320) 2009-01-13

[11] **2,749,402**
[13] C
[51] **Int.Cl. B60N 2/44 (2006.01) A47C 31/02 (2006.01) B60N 2/58 (2006.01) B68G 7/12 (2006.01) F16B 2/20 (2006.01)**
[25] EN
[54] **ANTI-ROTATION ARROW RETAINER AND CLIP**
[54] **ELEMENT DE RETENUE EN FLECHE ANTI-ROTATION ET ATTACHE**
[72] STILLER, EDWIN L., US
[72] DEATON, DOUGLAS L., US
[72] BEDNARSKI, MATTHEW M., US
[72] STRANG, RUSSEL E., US
[72] STILLER, ERIC L., US
[72] JAYROE, THOMAS J., US
[73] MAGNA SEATING INC., CA
[85] 2011-07-12
[86] 2010-02-26 (PCT/CA2010/000288)
[87] (WO2010/096933)
[30] US (61/155,605) 2009-02-26

---

[11] **2,749,425**
[13] C
[51] **Int.Cl. B60J 1/00 (2006.01) B65G 49/06 (2006.01)**
[25] EN
[54] **GLAZING PANEL HANDLING SYSTEM**
[54] **SYSTEME DE MANIPULATION DE PANNEAU DE VITRAGE**
[72] FINCK, WILLIAM, GB
[73] BELRON HUNGARY KFT - ZUG BRANCH, CH
[85] 2011-07-12
[86] 2010-02-22 (PCT/GB2010/000300)
[87] (WO2010/094931)
[30] GB (0902953.9) 2009-02-20

---

[11] **2,749,719**
[13] C
[51] **Int.Cl. G01N 25/48 (2006.01)**
[25] EN
[54] **DIFFERENTIAL SCANNING CALORIMETRY AND CALIBRATION METHODS FOR USE THEREWITH**
[54] **CALORIMETRIE A BALAYAGE DIFFERENTIEL ET PROCEDES D'ETALONNAGE A UTILISER AVEC CELLE-CI**
[72] HOULT, ROBERT ALAN, GB
[72] CASSEL, RICHARD BRUCE, US
[73] PERKINELMER HEALTH SCIENCES, INC., US
[73] PERKINELMER SINGAPORE PTE LIMITED, SG
[85] 2011-07-14
[86] 2010-01-20 (PCT/GB2010/000087)
[87] (WO2010/084313)
[30] US (61/145,773) 2009-01-20
[30] US (61/148,876) 2009-01-30

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[11] **2,749,805**
[13] C
[51] **Int.Cl. C30B 30/02 (2006.01) B01J 19/08 (2006.01) B22F 9/24 (2006.01) C30B 28/02 (2006.01) C30B 29/02 (2006.01)**
[25] EN
[54] **CONTINUOUS, SEMICONTINUOUS AND BATCH METHODS FOR TREATING LIQUIDS AND MANUFACTURING CERTAIN CONSTITUENTS (E.G., NANOPARTICLES) IN LIQUIDS, APPARATUSES AND NANOPARTICLES AND NANOPARTICLE/LIQUID SOLUTION(S) AND COLLOIDS RESULTING THEREFROM**
[54] **PROCEDES CONTINUS, SEMI-CONTINUS ET DISCONTINUS POUR TRAITER DES LIQUIDES ET FABRIQUER CERTAINS CONSTITUANTS (PAR EXEMPLE, NANOPARTICULES) DANS DES LIQUIDES, APPAREILS ET NANOPARTICULES ET SOLUTIONS LIQUIDES/NANOPARTICULES ET COLLOIDES OBTENUS A PARTIR DE CEUX-CI**
[72] PIERCE, DAVID K., US
[72] MORTENSON, MARK G., US
[72] BRYCE, DAVID A., US
[72] DORFMAN, ADAM R., US
[72] MERZLIAKOV, MIKHAIL, US
[72] GRACE, ARTHUR MAXWELL, US
[73] CLENE NANOMEDICINE, INC., US
[85] 2011-07-14
[86] 2010-01-13 (PCT/US2010/000088)
[87] (WO2010/083040)
[30] US (61/144,928) 2009-01-15

[11] **2,750,987**
[13] C
[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/40 (2006.01) C09K 8/68 (2006.01) C09K 8/72 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING FLUIDS COMPRISING CATIONIC POLYMERS AND METHODS OF USING SAME**
[54] **FLUIDES D'ENTRETIEN DE PUITS DE FORAGE COMPORTANT DES POLYMERES CATIONIQUES ET LEURS PROCEDES D'UTILISATION**
[72] FOX, KELLY B., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2011-07-27
[86] 2010-02-11 (PCT/US2010/023808)
[87] (WO2010/093735)
[30] US (12/371,895) 2009-02-16

---

[11] **2,751,124**
[13] C
[51] **Int.Cl. A62B 17/00 (2006.01) A62B 17/04 (2006.01)**
[25] FR
[54] **ASSEMBLY FOR PROTECTING AN INDIVIDUAL, COMPRISING AN INSULATION SUIT**
[54] **ENSEMBLE DE PROTECTION D'UNE PERSONNE COMPORTANT UNE COMBINAISON ISOLANTE**
[72] CARRON, GERARD, FR
[73] MATERIELS INDUSTRIELS DE SECURITE, FR
[85] 2011-07-28
[86] 2010-02-05 (PCT/FR2010/050187)
[87] (WO2010/089513)
[30] FR (0950699) 2009-02-05

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[11] **2,751,662**
[13] C
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/00 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING INSTRUMENT COMPRISING A MAGNETIC ELEMENT DRIVER**
[54] **INSTRUMENT D'AGRAFAGE CHIRURGICAL COMPRENANT UN PILOTE D'ELEMENTS MAGNETIQUES**
[72] SCHEIB, CHARLES J., US
[72] JAWOREK, GARY S., US
[72] HALL, STEVEN G., US
[73] ETHICON ENDO-SURGERY, INC., US
[85] 2011-08-03
[86] 2010-01-28 (PCT/US2010/022334)
[87] (WO2010/090937)
[30] US (12/366,538) 2009-02-05

---

[11] **2,752,259**
[13] C
[51] **Int.Cl. G06F 21/14 (2013.01)**
[25] FR
[54] **METHOD FOR PROTECTING THE SOURCE CODE OF A COMPUTER PROGRAM**
[54] **PROCEDE DE PROTECTION DU CODE SOURCE D'UN PROGRAMME D'ORDINATEUR**
[72] DESCLAUX, FABRICE, FR
[73] EUROPEAN AERONAUTIC DEFENCE AND SPACE COMPANY-EADS FRANCE, FR
[85] 2011-08-11
[86] 2010-02-23 (PCT/EP2010/052279)
[87] (WO2010/097383)
[30] FR (0951162) 2009-02-24

---

[11] **2,753,961**
[13] C
[51] **Int.Cl. A61M 5/34 (2006.01)**
[25] EN
[54] **LUER-SNAP CONNECTION AND LUER-SNAP SYRINGE**
[54] **RACCORD DE TYPE LUER A ENCLIQUETAGE ET SERINGUE DE TYPE LUER A ENCLIQUETAGE**
[72] LUM, CHEE LEONG, US
[72] ZIVKOVIC, IVAN, US
[73] BECTON, DICKINSON AND COMPANY, US
[85] 2011-08-26
[86] 2010-02-24 (PCT/US2010/025147)
[87] (WO2010/099145)
[30] US (12/391,363) 2009-02-24

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[11] **2,754,396**
[13] C
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 17/435 (2006.01) A61D 19/04 (2006.01)**
[25] FR
[54] **CATHETER, IN PARTICULAR FOR IMPLANTING AN EMBRYO IN THE UTERINE CAVITY OF A HUMAN BEING OR ANIMAL, AND CORRESPONDING INSTRUMENT**
[54] **CATHETER, NOTAMMENT POUR L'IMPLANTATION D'EMBRYONS DANS UNE CAVITE UTERINE D'UN ETRE HUMAIN OU ANIMAL, ET INSTRUMENT CORRESPONDANT**
[72] WOLF, JEAN-PHILIPPE, FR
[72] PONCELET, CHRISTOPHE, FR
[73] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[73] L'UNIVERSITE PARIS DESCARTES, FR
[73] L'UNIVERSITE PARIS 13, FR
[85] 2011-09-02
[86] 2010-03-01 (PCT/FR2010/050346)
[87] (WO2010/100373)
[30] FR (0951354) 2009-03-04

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[11] **2,754,722**
[13] C
[51] **Int.Cl. A61K 8/31 (2006.01) A61K 8/36 (2006.01) A61K 8/89 (2006.01) A61Q 17/04 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **PETROLATUM BASED COMPOSITION COMPRISING GREATER THAN 10% SILICONE FOR IMPROVED FEEL WHILE REMAINING STABLE**
[54] **COMPOSITION A BASE DE PETROLATUM CONTENANT PLUS DE 10% DE SILICONE, PRESENTANT DES PROPRIETES DE TOUCHER AMELIOREES ET UNE STABILITE PRESERVEE**
[72] LITVIN, TAMARA, US
[72] CARNALI, JOSEPH ORESTE, US
[72] QIU, QIANG, US
[72] LIPS, ALEXANDER, GB
[73] UNILEVER PLC, GB
[85] 2011-09-07
[86] 2010-04-13 (PCT/EP2010/054831)
[87] (WO2010/119034)
[30] US (12/423,984) 2009-04-15

[11] **2,755,730**
[13] C
[51] **Int.Cl. F23D 14/06 (2006.01)**
[25] EN
[54] **GAS BURNER WITH VENTURI PIPES**
[54] **BRULEUR AU GAZ DOTE DE TUYAUX DE VENTURI**
[72] ARMANNI, PIERO, IT
[72] STARNINI, MARCO, IT
[72] BIAGIOLI, NICO, IT
[72] GUARDIGLI, NICOLA, IT
[73] ELECTROLUX HOME PRODUCTS CORPORATION N.V., BE
[85] 2011-09-16
[86] 2010-03-08 (PCT/EP2010/001425)
[87] (WO2010/105748)
[30] EP (09 003 861.3) 2009-03-18

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[11] **2,756,223**
[13] C
[51] **Int.Cl. H02K 5/167 (2006.01)**
[25] EN
[54] **SELF-OILING SLIDING BEARING SYSTEM AND ELECTRIC MACHINE USING SAME**
[54] **SYSTEME DE PALIER LISSE CONTENU DANS DE L'HUILE ET MACHINE ELECTRIQUE L'UTILISANT**
[72] JIANG, XINZHENG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD., CN
[85] 2011-09-22
[86] 2010-01-21 (PCT/CN2010/070297)
[87] (WO2010/108394)
[30] CN (200920053673.8) 2009-03-25

---

[11] **2,756,782**
[13] C
[51] **Int.Cl. B65B 3/16 (2006.01)**
[25] EN
[54] **THERMOPLASTIC ELASTOMERIC ATTACHMENT SYSTEM FOR TRANSFER OF PARTICULATE MATERIALS**
[54] **SYSTEME DE FIXATION ELASTOMERE THERMOPLASTIQUE POUR TRANSFERT DE MATERIAUX PARTICULAIRES**
[72] LLOYD, STEVEN M., US
[72] PERSANS, ADAMS, US
[72] INAMDAR, SUNIL, US
[73] ILC DOVER LP, US
[85] 2011-09-26
[86] 2010-03-26 (PCT/US2010/028956)
[87] (WO2010/111677)
[30] US (61/163,536) 2009-03-26

---

[11] **2,757,230**
[13] C
[51] **Int.Cl. E04C 5/07 (2006.01) E04C 5/12 (2006.01) E04G 23/02 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REPAIRING CONCRETE**
[54] **PROCEDE ET APPAREIL POUR LA REPARATION DU BETON**
[72] HEMPHILL, WILLIAM SCOTT, US
[73] GARLAND INDUSTRIES, INC., US
[86] (2757230)
[87] (2757230)
[22] 2011-11-03
[30] US (12/939,418) 2010-11-04

---

[11] **2,757,239**
[13] C
[51] **Int.Cl. C08G 63/08 (2006.01) B32B 27/36 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **BRANCHED POLY (HYDROXY ACID) AND PRODUCTION PROCESS THEREOF**
[54] **POLY(HYDROXYACIDE) RAMIFIE ET SON PROCEDE DE PRODUCTION**
[72] WAUTIER, HENRI, BE
[73] SOLVAY SA, BE
[85] 2011-09-29
[86] 2010-04-02 (PCT/EP2010/054459)
[87] (WO2010/112602)
[30] FR (0952113) 2009-04-02

---

[11] **2,757,342**
[13] C
[51] **Int.Cl. A61K 36/15 (2006.01) A61P 17/00 (2006.01) A61P 17/02 (2006.01) A61Q 19/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **EXTRACTS FROM PLANTS OF THE TSUGA GENUS AND USES THEREOF IN THE TREATMENT OF INFLAMMATION, IRRITATION AND/OR INFECTION**
[54] **EXTRAITS DE PLANTES DU GENRE TSUGA ET UTILISATIONS DE CEUX-CI DANS LE TRAITEMENT DE L'INFLAMMATION, DE L'IRRITATION ET/OU DE L'INFECTION**
[72] CYR, BENOIT, CA
[72] GENDRON, NATHALIE, CA
[72] GUAY, JOHANE, CA
[72] PAGE, BRIGITTE, CA
[73] LUCAS MEYER COSMETICS CANADA INC., CA
[85] 2011-09-29
[86] 2009-04-01 (PCT/CA2009/000379)
[87] (WO2009/121168)
[30] US (61/041,553) 2008-04-01

---

[11] **2,757,727**
[13] C
[51] **Int.Cl. B29C 31/10 (2006.01) B29B 7/94 (2006.01)**
[25] EN
[54] **DELIVERING LIQUID ADDITIVE**
[54] **DISTRIBUTION D'UN ADDITIF LIQUIDE**
[72] JONES, BRIAN, GB
[72] BELL, KEITH, US
[72] OVEREND, ANDREW STUART, GB
[72] FROST, MARK, GB
[73] COLORMATRIX HOLDINGS, INC., US
[85] 2011-10-05
[86] 2010-03-26 (PCT/GB2010/050515)
[87] (WO2010/116161)
[30] US (61/166,964) 2009-04-06

[11] **2,758,203**
[13] C
[51] **Int.Cl. C09D 167/06 (2006.01)**
[25] EN
[54] **POLYESTER COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DE POLYESTER**
[72] HAYES, GREGORY BRYANT, US
[72] MELNYK, THOMAS, US
[73] VALSPAR SOURCING, INC., US
[85] 2011-10-07
[86] 2010-04-09 (PCT/US2010/030576)
[87] (WO2010/118349)
[30] US (61/168,151) 2009-04-09

---

[11] ***2,758,389**
[13] C
[51] **Int.Cl. F25B 27/00 (2006.01) F25B 7/00 (2006.01)**
[25] EN
[54] **COOLING INFRASTRUCTURE LEVERAGING A COMBINATION OF FREE AND SOLAR COOLING**
[54] **INFRASTRUCTURE DE REFROIDISSEMENT METTANT EN OEUVRE UNE COMBINAISON DE REFROIDISSEMENT NATUREL ET SOLAIRE**
[72] HAMANN, HENDRIK F., US
[72] IYENGAR, MADHUSUDAN K., US
[72] VAN KESSEL, THEODORE G., US
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2011-10-07
[86] 2010-05-29 (PCT/US2010/036779)
[87] (WO2010/141392)
[30] US (12/479,798) 2009-06-06

---

[11] **2,758,690**
[13] C
[51] **Int.Cl. G02C 7/06 (2006.01)**
[25] FR
[54] **PRODUCING A CUSTOMIZED SPECTACLE LENS IN ACCORDANCE WITH A BLURRED PERCEPTION**
[54] **REALISATION D'UN VERRE DE LUNETTES PERSONNALISE EN FONCTION D'UNE PERCEPTION DE FLOU**
[72] DROBE, BJORN, FR
[72] GIRAUDET, GUILLAUME, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2011-10-13
[86] 2010-04-12 (PCT/FR2010/050707)
[87] (WO2010/119218)
[30] FR (0952436) 2009-04-14

---

[11] **2,759,139**
[13] C
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **TORQUE REACTION DEVICE FOR PIPE RUNNING TOOL**
[54] **DISPOSITIF DE REACTION AU COUPLE POUR UN OUTIL D'INSTALLATION DE TUYAU**
[72] DEKKER, PIETER, NL
[72] VERHOEF, RICHARD, NL
[72] MURRAY, RICHARD LEE JR., US
[73] NATIONAL OILWELL VARCO, L.P., US
[86] (2759139)
[87] (2759139)
[22] 2011-11-16
[30] US (13/240,704) 2011-09-22

---

[11] **2,759,875**
[13] C
[51] **Int.Cl. B24C 5/06 (2006.01)**
[25] EN
[54] **A VANE, MOUNTING ASSEMBLY AND THROWING WHEEL APPARATUS HAVING A LOCKING MEMBER TAPERED IN TWO PLANES**
[54] **AUBE, ENSEMBLE DE MONTAGE ET APPAREIL DE TOURNAGE COMPRENANT UN ELEMENT DE VERROUILLAGE EN PENTE DANS DEUX PLANS**
[72] LOUTZENHEISER, MATHEW LYNN, US
[72] HARRINGTON, PHILLIP DEWAYNE, US
[73] PANGBORN CORPORATION, US
[85] 2011-10-24
[86] 2009-12-22 (PCT/US2009/069271)
[87] (WO2011/059464)
[30] US (12/619,452) 2009-11-16

---

[11] **2,760,732**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **ABSORBENT FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE FROM FLUID FLOWS**
[54] **MILIEU D'ABSORPTION POUR EXTRAIRE SELECTIVEMENT DU SULFURE D'HYDROGENE A PARTIR DE COURANTS DE FLUIDES**
[72] VORBERG, GERALD, DE
[72] KATZ, TORSTEN, DE
[72] SIEDER, GEORG, DE
[72] RIEMANN, CHRISTIAN, DE
[72] DENGLER, ERIKA, DE
[73] BASF SE, DE
[85] 2011-11-01
[86] 2010-05-12 (PCT/EP2010/056556)
[87] (WO2010/130787)
[30] EP (09160039.5) 2009-05-12

[11] 2,761,135
[13] C
[51] **Int.Cl. B65B 65/00 (2006.01)**
[25] EN
[54] **METHOD FOR LOADING CONTAINERS**
[54] **PROCEDE DE CHARGEMENT DE RECIPIENTS**
[72] UGARTE BARRENA, JOSU, ES
[72] IZQUIERDO ERENO, ENEKO, ES
[73] ULMA PACKAGING TECHNOLOGICAL CENTER, S. COOP., ES
[85] 2011-11-04
[86] 2009-05-06 (PCT/ES2009/070144)
[87] (WO2010/128174)

---

[11] 2,761,226
[13] C
[51] **Int.Cl. B67D 7/08 (2010.01) B67D 7/28 (2010.01) B67D 7/32 (2010.01)**
[25] EN
[54] **ASPHALT LOADING ARM**
[54] **BRAS DE CHARGEMENT D'ASPHALTE**
[72] JIVIDEN, THOMAS, US
[72] HILL, R. BENJAMIN, US
[72] STIENS, KENNETH, US
[73] MARATHON PETROLEUM COMPANY LP, US
[86] (2761226)
[87] (2761226)
[22] 2011-12-07
[30] US (12/931,026) 2011-01-21

---

[11] 2,761,235
[13] C
[51] **Int.Cl. G01R 1/067 (2006.01)**
[25] EN
[54] **HF TEST PROD**
[54] **POINTE DE MESURE HF**
[72] THIES, STEFFEN, AT
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
[85] 2011-11-07
[86] 2010-08-31 (PCT/EP2010/005353)
[87] (WO2011/026608)
[30] DE (20 2009 011 899.1) 2009-09-02

---

[11] 2,761,255
[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01)**
[25] EN
[54] **SOLID FORMS AND PROCESS FOR PREPARING (R)-4A-ETHOXYMETHYL-1-(4-FLUORO-PHENYL)-6-(4-TRIFLUOROMETHYL-BENZENESULFONYL)-4,4A,5,6,7,8-HEXAHYDRO-1H,1,2,6-TRIAZA-CYCLOPENTA[B]NAPHTHALENE**
[54] **FORMES SOLIDES ET PROCEDE DE PREPARATION DE (R)-4A-ETHOXYMETHYLE-1-(4FLUORO-PHENYLE)-6-(4-TRIFLUOROMETHYLE-BENZENESULFONYLE)-4,4A,5,6,7,8-HEXAHYDRO-1H,1,2,6-TRIAZA-CYCLOPENTA[B]NAPHTHALENE**
[72] CLARK, ROBIN, US
[72] FRY, DOUG, US
[73] CORCEPT THERAPEUTICS, INC., US
[85] 2011-11-07
[86] 2010-05-11 (PCT/US2010/034382)
[87] (WO2010/132445)
[30] US (61/177,483) 2009-05-12

---

[11] 2,761,510
[13] C
[51] **Int.Cl. F02K 1/48 (2006.01) F02K 1/38 (2006.01)**
[25] FR
[54] **COWLING FOR A TURBINE ENGINE NOZZLE PROVIDED WITH SIDE FINS FOR REDUCING THE NOISE OF THE JET**
[54] **CAPOT POUR TUYERE DE TURBOMACHINE MUNI DE MOTIFS A AILETTES LATERALES POUR REDUIRE LE BRUIT DE JET**
[72] QUARIN, BENEDETTA, IT
[72] ZEGGAI, KAMEL, FR
[73] SNECMA, FR
[85] 2011-11-08
[86] 2010-04-16 (PCT/FR2010/050736)
[87] (WO2010/133780)
[30] FR (0953355) 2009-05-20

---

[11] 2,761,584
[13] C
[51] **Int.Cl. E21B 33/076 (2006.01) B66D 1/74 (2006.01)**
[25] EN
[54] **SUBSEA WINCH**
[54] **TREUIL SOUS-MARIN**
[72] EDWARDS, JEFFREY CHARLES, GB
[72] MORGAN, MICHAEL GRAHAM, GB
[73] ENOVATE SYSTEMS LIMITED, GB
[85] 2011-11-10
[86] 2010-05-13 (PCT/GB2010/000971)
[87] (WO2010/131010)
[30] GB (0908279.3) 2009-05-14

---

[11] 2,762,608
[13] C
[51] **Int.Cl. C04B 24/26 (2006.01) C04B 24/28 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **GYPSUM BUILDING BOARDS**
[54] **PANNEAUX DE CONSTRUCTION EN PLATRE**
[72] FISHER, ROBIN, GB
[72] VAN DAMME, HENRY, FR
[73] BPB LIMITED, GB
[85] 2011-11-18
[86] 2010-05-20 (PCT/GB2010/050826)
[87] (WO2010/133886)
[30] GB (0908650.5) 2009-05-20

[11] **2,763,536**
[13] C
[51] **Int.Cl. A61K 31/5355 (2006.01) A61K 31/4178 (2006.01) A61K 31/4184 (2006.01) A61K 31/422 (2006.01) A61K 31/423 (2006.01) A61K 31/427 (2006.01) A61K 31/541 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTI-BACTERIAL AGENTS FROM BENZO[D]HETEROCYCLIC SCAFFOLDS FOR PREVENTION AND TREATMENT OF MULTIDRUG RESISTANT BACTERIA**
[54] **AGENTS ANTIBACTERIENS PRODUITS A PARTIR D'ECHAFAUDAGES BENZO[D]HETEROCYCLIQUES UTILISES POUR PREVENIR ET TRAITER UNE BACTERIE MULTIRESISTANTE AUX ANTIBIOTIQUES**
[72] MILLER, MARVIN J., US
[72] MORASKI, GARRETT C., US
[73] UNIVERSITY OF NOTRE DAME DU LAC, US
[85] 2011-11-24
[86] 2009-05-29 (PCT/US2009/045737)
[87] (WO2009/158118)
[30] US (61/057,282) 2008-05-30

---

[11] **2,763,611**
[13] C
[51] **Int.Cl. A01N 57/14 (2006.01) A01N 25/04 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITION**
[54] **COMPOSITION FONGICIDE**
[72] TSUDA, NAOKI, JP
[72] SEITZ, MICHAEL E., US
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2011-11-25
[86] 2010-05-25 (PCT/US2010/036002)
[87] (WO2010/144243)
[30] US (61/184,983) 2009-06-08

---

[11] **2,763,793**
[13] C
[51] **Int.Cl. H03M 13/47 (2006.01) G10L 19/16 (2013.01) G10L 19/12 (2013.01)**
[25] EN
[54] **FORWARD TIME-DOMAIN ALIASING CANCELLATION WITH APPLICATION IN WEIGHTED OR ORIGINAL SIGNAL DOMAIN**
[54] **SUPPRESSION DIRECTE DU REPLIEMENT DE DOMAINE TEMPOREL AVEC APPLICATION DANS UN DOMAINE DE SIGNAL PONDERE OU D'ORIGINE**
[72] BESSETTE, BRUNO, CA
[73] VOICEAGE CORPORATION, CA
[85] 2011-11-28
[86] 2010-06-23 (PCT/CA2010/000991)
[87] (WO2010/148516)
[30] US (61/213,593) 2009-06-23

---

[11] **2,764,725**
[13] C
[51] **Int.Cl. F24F 7/02 (2006.01) E04D 13/17 (2006.01)**
[25] EN
[54] **SNOW PROOF ROOF VENT**
[54] **AERATEUR DE TOIT A L'EPREUVE DE LA NEIGE**
[72] BOURQUE, ANTOINE, CA
[72] MOOTOO, STEPHEN DEVAN, CA
[73] SNOWVENTCO LTD., CA
[86] (2764725)
[87] (2764725)
[22] 2012-01-18
[30] US (13/290,182) 2011-11-07

---

[11] **2,764,910**
[13] C
[51] **Int.Cl. B01J 13/00 (2006.01)**
[25] EN
[54] **POLYMER REINFORCED POROUS MATERIAL AND METHOD OF MAKING SAME**
[54] **MATIERE POREUSE RENFORCEE PAR DES POLYMERES ET SON PROCEDE DE PRODUCTION**
[72] GAWRYLA, MATTHEW D., US
[72] SCHIRALDI, DAVID A., US
[73] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2011-12-07
[86] 2010-06-11 (PCT/US2010/038317)
[87] (WO2010/144803)
[30] US (61/268,316) 2009-06-11

---

[11] **2,765,222**
[13] C
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/72 (2006.01) A61K 31/337 (2006.01) A61K 47/42 (2017.01) A61P 9/10 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL FORMULATIONS OF PHARMACOLOGICAL AGENTS, METHODS FOR THE PREPARATION THEREOF AND METHODS FOR THE USE THEREOF**
[54] **NOUVELLES FORMULATIONS D'AGENTS PHARMACOLOGIQUES, LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] DESAI, NEIL P., US
[72] SOON-SHIONG, PATRICK, US
[72] MAGDASSI, SHLOMO, US
[72] SAHADEVAN, DAVID C., US
[73] ABRAXIS BIOSCIENCE, LLC, US
[86] (2765222)
[87] (2765222)
[22] 1998-06-26
[62] 2,294,981
[30] US (60/051,021) 1997-06-27
[30] US (08/926,155) 1997-09-09

---

[11] **2,765,739**
[13] C
[51] **Int.Cl. C08B 37/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE SYNTHESIS OF CONJUGATES OF GLYCOSAMINOGLYCANES (GAG) WITH BIOLOGICALLY ACTIVE MOLECULES, POLYMERIC CONJUGATES AND RELATIVE USES THEREOF**
[54] **PROCEDE POUR LA SYNTHESE DE CONJUGUES DE GLYCOSAMINOGLYCANES (GAG) AVEC DES MOLECULES BIOLOGIQUEMENT ACTIVES, CONJUGUES POLYMERES ET UTILISATIONS RELATIVES DE CEUX-CI**
[72] D'ESTE, MATTEO, IT
[72] RENIER, DAVIDE, IT
[72] PASUT, GIANFRANCO, IT
[72] ROSATO, ANTONIO, IT
[73] FIDIA FARMACEUTICI S.P.A., IT
[85] 2011-12-15
[86] 2010-06-04 (PCT/EP2010/003634)
[87] (WO2010/145821)
[30] IT (MI2009A 001065) 2009-06-16

[11] **2,765,933**
[13] C
[51] **Int.Cl. A01J 5/007 (2006.01) A01J 5/08 (2006.01) A01J 7/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR AND A METHOD OF MILKING A DAIRY ANIMAL**
[54] **DISPOSITIF ET PROCEDE DE TRAITE D'UN ANIMAL LAITIER**
[72] VAN DEN BERG, KAREL, NL
[73] LELY PATENT N.V., NL
[85] 2011-12-19
[86] 2010-06-14 (PCT/NL2010/000095)
[87] (WO2011/002281)
[30] NL (1037095) 2009-07-03

[11] **2,766,519**
[13] C
[51] **Int.Cl. B60T 17/00 (2006.01) B01D 53/26 (2006.01)**
[25] EN
[54] **AIR DRYER CARTRIDGE FOR A COMPRESSED AIR TREATMENT SYSTEM OF A VEHICLE**
[54] **CARTOUCHE A DESSICCATEUR D'AIR POUR INSTALLATION DE PREPARATION D'AIR COMPRIME D'UN VEHICULE**
[72] EIDENSCHINK, RAINER, DE
[72] SCHAEBEL, STEFAN, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
[85] 2011-12-22
[86] 2010-06-24 (PCT/EP2010/058980)
[87] (WO2011/000766)
[30] DE (10 2009 030 897.0) 2009-06-29

[11] **2,768,177**
[13] C
[51] **Int.Cl. B24D 15/00 (2006.01) G02B 27/22 (2006.01)**
[25] FR
[54] **PARALLAX EFFECT SECURITY ELEMENT**
[54] **ELEMENT DE SECURITE A EFFET DE PARALLAXE**
[72] VINCENT, REMI, FR
[73] ARJOWIGGINS SECURITY, FR
[85] 2012-01-13
[86] 2010-07-19 (PCT/IB2010/053284)
[87] (WO2011/007342)
[30] FR (0955000) 2009-07-17

[11] **2,768,372**
[13] C
[51] **Int.Cl. F16K 51/00 (2006.01) F16L 29/00 (2006.01) F16L 37/28 (2006.01)**
[25] EN
[54] **NEEDLELESS ACCESS PORT VALVES**
[54] **SOUPAPE A ORIFICE D'ACCES SANS AIGUILLE**
[72] BURNARD, EDWIN L., US
[72] NELSON, DAVID M., US
[73] B. BRAUN MEDICAL INC., US
[85] 2012-01-13
[86] 2010-06-24 (PCT/US2010/039849)
[87] (WO2011/016918)
[30] US (12/510,937) 2009-07-28

[11] **2,768,418**
[13] C
[51] **Int.Cl. H04W 88/02 (2009.01) H04W 4/14 (2009.01) H04W 68/00 (2009.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR MANAGING CALL NOTES IN A WIRELESS DEVICE**
[54] **APPAREIL ET METHODE PERMETTANT LA GESTION DE NOTES D'APPELS DANS UN DISPOSITIF SANS FIL**
[72] KHOSRAVI, BARDIA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2768418)
[87] (2768418)
[22] 2012-02-16
[30] EP (11155480.4) 2011-02-22

[11] **2,768,813**
[13] C
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/105 (2016.01) A23L 33/115 (2016.01) A23L 33/125 (2016.01) A23L 33/15 (2016.01) A23L 33/16 (2016.01) A23L 33/17 (2016.01) A61K 31/59 (2006.01) A61K 36/00 (2006.01) A61P 3/02 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION FOR BREAST-FEEDING WOMEN**
[54] **COMPOSITION NUTRITIONNELLE POUR FEMME ALLAITANT**
[72] TEK, KONTHIRITH, FR
[72] KERRAND, SOLENN, FR
[72] GIORDANO, THIERRY, FR
[73] LABORATOIRES FRANCE BEBE NUTRITION, FR
[85] 2012-01-20
[86] 2010-07-26 (PCT/EP2010/060778)
[87] (WO2011/012568)
[30] FR (0955301) 2009-07-29

[11] **2,768,887**
[13] C
[51] **Int.Cl. C12N 7/00 (2006.01) A61K 39/25 (2006.01) A61P 31/22 (2006.01) C12N 5/10 (2006.01) C12N 7/01 (2006.01) C12N 7/04 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **ORF7 DEFICIENT VARICELLA VIRUS, VACCINE COMPRISING THE VIRUS AND USE THEREOF**
[54] **VIRUS DE LA VARICELLE PRESENTANT UN GENE ORF7 DEFICIENT, VACCIN COMPRENANT CE VIRUS ET UTILISATION DE CELUI-CI**
[72] ZHU, HUA, US
[72] LI, YIMIN, CN
[72] XIA, NINGSHAO, CN
[72] CHENG, TONG, CN
[72] YE, XIANGZHONG, CN
[73] BEIJING WANTAI BIOLOGICAL PHARMACY ENTERPRISE CO., LTD., CN
[73] XIAMEN UNIVERSITY, CN
[73] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2012-01-23
[86] 2010-07-27 (PCT/CN2010/001139)
[87] (WO2011/011971)
[30] CN (200910157387.0) 2009-07-28

[11] **2,768,945**
[13] C
[51] **Int.Cl. E02D 29/02 (2006.01) F16G 11/00 (2006.01)**
[25] FR
[54] **CONNECTION DEVICE FOR A REINFORCED EARTH STRUCTURE, AND RELATED STRUCTURE AND METHOD**
[54] **DISPOSITIF DE LIAISON POUR UN OUVRAGE EN SOL RENFORCE, OUVRAGE ET PROCEDE ASSOCIES**
[72] FREITAG, NICOLAS, FR
[72] MORIZOT, JEAN-CLAUDE, FR
[72] BERARD, GILLES, FR
[73] TERRE ARMEE INTERNATIONALE, FR
[85] 2012-01-23
[86] 2010-07-15 (PCT/FR2010/051487)
[87] (WO2011/010048)
[30] FR (09 55114) 2009-07-22

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[11] **2,769,352**
[13] C
[51] **Int.Cl. C04B 26/02 (2006.01) C04B 28/02 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING AN AEROGEL-CONTAINING COMPOSITE AND COMPOSITE PRODUCED BY THAT METHOD**
[54] **PROCEDE POUR LA FABRICATION D'UN COMPOSITE CONTENANT UN AEROGEL ET COMPOSITE PRODUIT PAR CE PROCEDE**
[72] JORGENSEN, KRISTIAN SKOVGARD, DK
[72] BAUER, ULRICH, DE
[72] ROSENBERG, GORM, DK
[72] CHRISTENSEN, KENN, DK
[73] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2012-01-24
[86] 2010-07-30 (PCT/EP2010/061149)
[87] (WO2011/012710)
[30] EP (09167033.1) 2009-07-31

---

[11] **2,769,898**
[13] C
[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/36 (2013.01)**
[25] EN
[54] **LOGIN METHOD BASED ON DIRECTION OF GAZE**
[54] **METHODE D'OUVERTURE DE SESSION BASEE SUR LA DIRECTION DU REGARD**
[72] PASQUERO, JEROME, CA
[73] BLACKBERRY LIMITED, CA
[86] (2769898)
[87] (2769898)
[22] 2012-03-01
[30] EP (11159029.5) 2011-03-21

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[11] **2,770,576**
[13] C
[51] **Int.Cl. B32B 33/00 (2006.01)**
[25] EN
[54] **DECORATIVE SHEET**
[54] **FEUILLE DECORATIVE**
[72] KAWAI, SHOGO, JP
[72] KOSHIHARA, ATSUSHI, JP
[73] YAMATO GRAND CO., LTD., JP
[85] 2012-02-09
[86] 2009-10-19 (PCT/JP2009/005461)
[87] (WO2011/018830)
[30] JP (2009-186260) 2009-08-11

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[11] **2,771,055**
[13] C
[51] **Int.Cl. C08B 37/00 (2006.01) A61K 31/737 (2006.01) C07H 11/00 (2006.01) C07H 15/00 (2006.01) C07H 15/203 (2006.01)**
[25] FR
[54] **FGF RECEPTOR-ACTIVATING N-SULFATE OLIGOSACCHARIDES, PREPARATION THEREOF, AND THERAPEUTIC USE THEREOF**
[54] **OLIGOSACCHARIDES N-SULFATES ACTIVATEURS DES RECEPTEURS DES FGFS, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] DUCHAUSSOY, PHILIPPE, FR
[72] FONS, PIERRE, FR
[72] FROIDBISE, ALEXANDRE, FR
[73] SANOFI, FR
[85] 2012-02-13
[86] 2010-08-12 (PCT/FR2010/051702)
[87] (WO2011/018587)
[30] FR (0903969) 2009-08-14

---

[11] **2,771,255**
[13] C
[51] **Int.Cl. B23B 31/22 (2006.01) B23B 27/00 (2006.01) B23B 31/107 (2006.01)**
[25] EN
[54] **CUTTING TOOL, HOLDER AND METHOD OF ASSEMBLING A CUTTING TOOL**
[54] **OUTIL DE COUPE, SUPPORT ET PROCEDE D'ASSEMBLAGE D'UN OUTIL DE COUPE**
[72] GUY, HANOCH, IL
[73] ISCAR LTD., IL
[85] 2012-02-15
[86] 2010-07-20 (PCT/IL2010/000573)
[87] (WO2011/033497)
[30] IL (200980) 2009-09-16

---

[11] **2,771,557**
[13] C
[51] **Int.Cl. B65D 1/34 (2006.01) A47G 19/03 (2006.01) B65D 5/24 (2006.01)**
[25] EN
[54] **CONTAINER BLANK AND CONTAINER WITH DENESTING FEATURE**
[54] **EBAUCHE DE CONTENANT ET CONTENANT AVEC UN ELEMENT DE DESEMPILEMENT**
[72] WNEK, PATRICK H., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2012-02-17
[86] 2010-08-26 (PCT/US2010/046739)
[87] (WO2011/028588)
[30] US (61/275,215) 2009-08-26

---

[11] **2,771,590**
[13] C
[51] **Int.Cl. A61B 18/14 (2006.01)**
[25] EN
[54] **BI-MODAL LINEAR AND LOOP ABLATION CATHETER, AND METHOD**
[54] **CATHETER BIMODAL D?ABLATION LINEAIRE ET EN BOUCLE**
[72] WERNETH, RANDELL, US
[72] ROMAN, RICARDO, US
[72] CORVI, TIMOTHY J., US
[72] HU, BETTY, US
[73] MEDTRONIC ABLATION FRONTIERS LLC, US
[85] 2012-02-17
[86] 2010-08-03 (PCT/US2010/044191)
[87] (WO2011/025629)
[30] US (12/546,750) 2009-08-25

[11] **2,772,083**
[13] C
[51] **Int.Cl. B65H 35/00 (2006.01) B41J 11/70 (2006.01) B65H 5/26 (2006.01)**
[25] EN
[54] **CRAFTING APPARATUS INCLUDING A WORKPIECE FEED PATH BYPASS ASSEMBLY AND WORKPIECE FEED PATH ANALYZER**
[54] **APPAREIL DE FABRICATION COMPRENANT UN ENSEMBLE DE DERIVATION DE TRAJET DE DELIVRANCE DE PIECE A TRAVAILLER ET ANALYSEUR DE TRAJET DE DELIVRANCE DE PIECE A TRAVAILLER**
[72] CRYSTAL, JEREMY BURTON, US
[72] GUBLER, JEFFERY V., US
[72] DAVIS, JAMES T., US
[72] BURTON, JARED D., US
[72] DODGE, CHRISTOPHER KENNETH, US
[72] STRONG, MATTHEW B., US
[72] COLBY, JIM ALLEN, US
[73] PROVO CRAFT AND NOVELTY, INC., US
[85] 2012-02-23
[86] 2010-08-26 (PCT/US2010/046767)
[87] (WO2011/028593)
[30] US (61/237,218) 2009-08-26
[30] US (61/237,665) 2009-08-27
[30] US (61/237,621) 2009-08-27
[30] US (61/238,466) 2009-08-31
[30] US (61/287,694) 2009-12-17
[30] US (61/289,882) 2009-12-23
[30] US (61/296,584) 2010-01-20
[30] US (61/351,262) 2010-06-03
[30] US (61/367,736) 2010-07-26
[30] US (61/368,247) 2010-07-27

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[11] **2,773,973**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/08 (2006.01) A01C 15/04 (2006.01) G01F 1/88 (2006.01) G05D 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING PRODUCT FLOW TO AN AGRICULTURAL IMPLEMENT**
[54] **SYSTEME ET METHODE DE REGULATION DU FLUX DU PRODUIT VERS UNE MACHINE AGRICOLE**
[72] BINSIRAWANICH, PANA, TH
[72] NOBLE, SCOTT DAVID, CA
[72] HENRY, JIM, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2773973)
[87] (2773973)
[22] 2012-04-12
[30] US (13/229,085) 2011-09-09

---

[11] **2,774,034**
[13] C
[51] **Int.Cl. A61L 2/10 (2006.01) A61L 2/00 (2006.01)**
[25] EN
[54] **METHOD FOR DEACTIVATING UNDESIRED CONTAMINATIONS IN LEECH EXTRACTS**
[54] **PROCEDE POUR L'INACTIVATION DE CONTAMINATIONS INDESIRABLES DANS DES EXTRAITS DE SANGSUE**
[72] SCHMIDT, SEBASTIAN, DE
[72] PETERS, JOERG, DE
[72] MICHELS, JUERGEN, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2012-03-12
[86] 2010-10-08 (PCT/EP2010/065109)
[87] (WO2011/045243)
[30] EP (09172861.8) 2009-10-13

---

[11] **2,774,435**
[13] C
[51] **Int.Cl. C08F 265/02 (2006.01) C09D 151/00 (2006.01)**
[25] EN
[54] **AQUEOUS-BASED COMPOSITION SUITABLE FOR USE IN THREADLOCKING APPLICATIONS**
[54] **COMPOSITION AQUEUSE QUI PEUT ETRE UTILISEE DANS DES APPLICATIONS DE COLLAGE DE TYPE FREIN FILET**
[72] WROBEL, PETER, IE
[73] HENKEL IP & HOLDING GMBH, DE
[85] 2012-03-16
[86] 2009-10-23 (PCT/EP2009/064000)
[87] (WO2011/047738)

---

[11] **2,774,976**
[13] C
[51] **Int.Cl. H04N 19/64 (2014.01) H04N 19/176 (2014.01) H04N 19/182 (2014.01) H04N 19/34 (2014.01) H04N 19/436 (2014.01)**
[25] EN
[54] **EMBEDDED GRAPHICS CODING: REORDERED BITSTREAM FOR PARALLEL DECODING**
[54] **CODAGE GRAPHIQUE INCORPORE : TRAIN DE BITS REORDONNE POUR DECODAGE PARALLELE**
[72] LIU, WEI, US
[72] GHARAVI-ALKHANSARI, MOHAMMAD, US
[73] SONY CORPORATION, JP
[85] 2012-03-21
[86] 2010-11-22 (PCT/US2010/057648)
[87] (WO2011/068710)
[30] US (61/266,400) 2009-12-03
[30] US (12/950,843) 2010-11-19

[11] **2,775,015**
[13] C
[51] **Int.Cl. C22B 15/00 (2006.01) C22B 5/12 (2006.01) F27D 3/16 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING THE THERMAL BALANCE OF THE REACTION SHAFT OF A SUSPENSION SMELTING FURNACE AND A CONCENTRATE BURNER**
[54] **PROCEDE DE REGULATION DE L'EQUILIBRE THERMIQUE DE LA CUVE DE REACTION D'UN FOUR DE FUSION A SUSPENSION, ET BRULEUR DE CONCENTRES**
[72] SIPILA, JUSSI, FI
[72] LAHTINEN, MARKKU, FI
[72] BJORKLUND, PETER, FI
[72] PELTONIEMI, KAARLE, FI
[72] AHOKAINEN, TAPIO, FI
[72] PESONEN, LAURI P., FI
[73] OUTOTEC OYJ, FI
[85] 2012-03-22
[86] 2010-10-19 (PCT/FI2010/050812)
[87] (WO2011/048265)
[30] FI (20096071) 2009-10-19
[30] FI (20096311) 2009-12-11

[11] **2,775,168**
[13] C
[51] **Int.Cl. E21B 43/26 (2006.01) B01F 3/12 (2006.01) C08J 3/02 (2006.01) C08J 3/03 (2006.01) C08J 3/05 (2006.01) C09K 8/62 (2006.01)**
[25] EN
[54] **EQUIPMENT FOR QUICK DISPERSION OF POLYACRYLAMIDE POWDER FOR FRACTURING OPERATIONS**
[54] **EQUIPEMENT POUR DISPERSION RAPIDE DE POUDRE DE POLYACRYLAMIDE DANS DES OPERATIONS DE FRACTURATION**
[72] NICHOLS, PETER, US
[73] S.P.C.M. SA, FR
[85] 2012-03-23
[86] 2009-10-23 (PCT/EP2009/063961)
[87] (WO2010/020698)
[30] FR (0957308) 2009-10-19

[11] **2,775,695**
[13] C
[51] **Int.Cl. H04N 5/217 (2011.01) H04N 5/353 (2011.01) A61B 1/05 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGING DURING A MEDICAL PROCEDURE**
[54] **SYSTEME ET PROCEDE D'IMAGERIE PENDANT UN ACTE MEDICAL**
[72] MODELL, MARK, US
[72] SPROUL, JASON Y., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2012-03-27
[86] 2010-09-24 (PCT/US2010/050148)
[87] (WO2011/041222)
[30] US (61/247,008) 2009-09-30
[30] US (12/884,913) 2010-09-17

[11] **2,775,791**
[13] C
[51] **Int.Cl. A61F 2/34 (2006.01) A61F 2/46 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A PROSTHETIC HIP ACETABULUM**
[54] **PROCEDE DE FABRICATION D'UN COTYLE PROTHETIQUE DE HANCHE**
[72] GRADEL, THOMAS, FR
[73] INVENTORIO SA, CH
[85] 2012-03-27
[86] 2010-09-27 (PCT/IB2010/054341)
[87] (WO2011/098868)
[30] FR (09 56715) 2009-09-28

[11] **2,776,678**
[13] C
[51] **Int.Cl. G09G 5/37 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR RENDERING AREAS BOUNDED BY CURVES USING A GPU**
[54] **METHODE ET APPAREIL POUR CARTOGRAPHIER DES SECTEURS A FRONTIERES COURBEES A L'AIDE D'UN GPU**
[72] PFEIFLE, RONALD FRIEDRICH, CA
[73] BLACKBERRY LIMITED, CA
[86] (2776678)
[87] (2776678)
[22] 2012-05-11
[30] US (61/485,300) 2011-05-12

[11] **2,776,936**
[13] C
[51] **Int.Cl. C08F 251/02 (2006.01) A45D 31/00 (2006.01) A61K 8/91 (2006.01) A61Q 3/02 (2006.01) C09D 4/06 (2006.01)**
[25] EN
[54] **REMOVABLE PROTECTIVE TOPCOAT FOR ARTIFICIAL NAIL COATINGS AND METHODS THEREFORE**
[54] **COUCHE DE FINITION PROTECTRICE AMOVIBLE POUR REVETEMENTS D'ONGLES ARTIFICIELS ET PROCEDES POUR CELLE-CI**
[72] VU, THONG H., US
[72] SCHOON, DOUGLAS D., US
[73] CREATIVE NAIL DESIGN, INC., US
[85] 2012-04-05
[86] 2010-08-30 (PCT/US2010/047169)
[87] (WO2011/043879)
[30] US (12/573,640) 2009-10-05

[11] **2,777,287**
[13] C
[51] **Int.Cl. H02G 15/064 (2006.01)**
[25] EN
[54] **POWER CABLE TERMINATION FOR AERIAL CONNECTION AND PROCESS FOR PRODUCING POWER CABLE TERMINATION FOR AERIAL CONNECTION**
[54] **EXTREMITE DE CABLE D'ALIMENTATION POUR CONNEXION AERIENNE ET PROCESSUS DE PRODUCTION D'EXTREMITE DE CABLE D'ALIMENTATION POUR CONNEXION AERIENNE**
[72] MORI, ANNA, JP
[72] SAKURAI, TAKAHIRO, JP
[72] KOBAYASHI, SHOZO, JP
[73] FUJIKURA LTD., JP
[73] FURUKAWA ELECTRIC CO., LTD., JP
[85] 2012-04-10
[86] 2010-10-05 (PCT/JP2010/067405)
[87] (WO2011/043313)
[30] JP (2009-234742) 2009-10-09

[11] **2,777,854**
[13] C
[51] **Int.Cl. A47K 10/16 (2006.01) D21H 19/14 (2006.01) D21H 19/18 (2006.01) D21H 21/14 (2006.01)**
[25] EN
[54] **TISSUE PRODUCTS INCLUDING A TEMPERATURE CHANGE COMPOSITION CONTAINING PHASE CHANGE COMPONENTS WITHIN A NON-INTERFERING MOLECULAR SCAFFOLD**
[54] **PRODUITS DE MOUCHOIR EN PAPIER COMPRENANT UNE COMPOSITION A CHANGEMENT DE TEMPERATURE CONTENANT DES COMPOSES A CHANGEMENT DE PHASE DANS UN ECHAFAUDAGE MOLECULAIRE NON INTERFERENT**
[72] MOEN, HELEN KATHLEEN, US
[72] SEIDLING, JEFFERY RICHARD, US
[72] WENZEL, SCOTT W., US
[72] CUNNINGHAM, COREY THOMAS, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2012-04-16
[86] 2010-10-08 (PCT/IB2010/054569)
[87] (WO2011/061643)
[30] US (12/622,571) 2009-11-20

---

[11] **2,779,159**
[13] C
[51] **Int.Cl. F16C 17/04 (2006.01) F16C 35/02 (2006.01) E21B 12/00 (2006.01)**
[25] EN
[54] **BEARING ASSEMBLY**
[54] **ENSEMBLE PALIER**
[72] KIRKHOPE, KENNEDY J., CA
[73] HALLIBURTON ENERGY SERVICES, INC., CA
[85] 2012-04-27
[86] 2010-01-28 (PCT/CA2010/000124)
[87] (WO2011/091500)

---

[11] **2,780,927**
[13] C
[51] **Int.Cl. F16F 9/53 (2006.01) F16F 15/02 (2006.01) F16F 15/027 (2006.01)**
[25] EN
[54] **SHOCK-ISOLATION STRUCTURE**
[54] **STRUCTURE D'ISOLATION DE CHOC**
[72] MALCHEV, DELYAN, DE
[72] VEERKAMP, HERMANN-JOSEF, DE
[73] AIRBUS DEFENCE AND SPACE GMBH, DE
[85] 2012-05-14
[86] 2010-10-23 (PCT/EP2010/006492)
[87] (WO2011/060868)
[30] EP (09014482.5) 2009-11-20

---

[11] **2,781,165**
[13] C
[51] **Int.Cl. C08F 8/00 (2006.01) A61F 13/49 (2006.01) A61F 13/53 (2006.01) A61L 15/60 (2006.01) C08F 20/00 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCTION OF WATER-ABSORBING RESIN PARTICLES, WATER-ABSORBING RESIN PARTICLES, WATER-STOPPING MATERIAL, AND ABSORBENT ARTICLE**
[54] **PROCEDE DE PRODUCTION DE PARTICULES DE RESINE ABSORBANT L'EAU, PARTICULES DE RESINE ABSORBANT L'EAU, MATERIAU STOPPANT L'EAU ET ARTICLE ABSORBANT**
[72] KIKUNO, SACHI, JP
[72] HEGURI, ATSUSHI, JP
[72] HANDA, MASAYOSHI, JP
[72] MAEDA, NOBUHIRO, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2012-05-17
[86] 2010-11-24 (PCT/JP2010/070899)
[87] (WO2011/065368)
[30] JP (2009-270419) 2009-11-27

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[11] **2,781,504**
[13] C
[51] **Int.Cl. B21B 3/00 (2006.01) B21B 27/08 (2006.01) B21B 45/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING MAGNESIUM ALLOY SHEET AND MAGNESIUM ALLOY COIL STOCK**
[54] **PROCEDE DE PRODUCTION D'UNE TOLE EN ALLIAGE DE MAGNESIUM ET MATERIAU EN BOBINES D'ALLIAGE DE MAGNESIUM**
[72] MORI, NOBUYUKI, JP
[72] OISHI, YUKIHIRO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2012-05-22
[86] 2010-11-15 (PCT/JP2010/070315)
[87] (WO2011/065248)
[30] JP (2009-266068) 2009-11-24
[30] JP (2010-247159) 2010-11-04

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[11] **2,781,575**
[13] C
[51] **Int.Cl. E06C 1/38 (2006.01) E06C 5/02 (2006.01)**
[25] EN
[54] **ACCESS DEVICE**
[54] **DISPOSITIF D'ACCES**
[72] HEDLEY, ROBERT IAN, AU
[73] JUSTOY PTY LTD, AU
[85] 2012-05-23
[86] 2011-02-16 (PCT/AU2011/000166)
[87] (WO2011/100794)
[30] AU (2010900652) 2010-02-17

---

[11] **2,782,799**
[13] C
[51] **Int.Cl. B65C 9/18 (2006.01)**
[25] EN
[54] **LABELLING MACHINE FOR LABELS PRINTED ON CONTINUOUS FILM**
[54] **MACHINE A ETIQUETER POUR ETIQUETTES IMPRIMEES SUR FILM CONTINU**
[72] BALLAROTTI, MARIO, IT
[73] P.E. LABELLERS S.P.A., IT
[85] 2012-06-01
[86] 2010-11-24 (PCT/EP2010/068152)
[87] (WO2011/067147)
[30] IT (MI2009A002130) 2009-12-02

[11] **2,783,502**
[13] C
[51] **Int.Cl. E21B 43/10 (2006.01)**
[25] EN
[54] **SEGMENTED FLOW-CONTROL METHOD AND STRUCTURE FOR OIL-GAS WELLS**
[54] **METHODE DE CONTROLE D'ECOULEMENT SEGMENTE ET STRUCTURE DESTINEE A DES PUITS DE PETROLE-GAZ**
[72] PEI, BAILIN, CN
[72] WU, JIANCHANG, CN
[73] ANTON BAILIN OILFIELD TECHNOLOGIES (BEIJING) CO., LTD., CN
[85] 2012-06-07
[86] 2010-12-10 (PCT/CN2010/002016)
[87] (WO2011/069341)
[30] CN (200910250792.7) 2009-12-11

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[11] **2,784,606**
[13] C
[51] **Int.Cl. B65B 43/42 (2006.01) B25J 9/00 (2006.01) B65B 43/30 (2006.01) B65B 51/00 (2006.01)**
[25] EN
[54] **ROBOTIZED TRANSPORT AND TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSPORT ET DE TRANSFERT ROBOTISE**
[72] VIEL, ERIC, CA
[72] LEVESQUE, VITAL, CA
[72] GIASSON, ETIENNE, CA
[73] PREMIER TECH TECHNOLOGIES LTEE, CA
[85] 2012-06-14
[86] 2010-12-06 (PCT/CA2010/001940)
[87] (WO2011/075816)
[30] US (61/288,954) 2009-12-22

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[11] **2,785,343**
[13] C
[51] **Int.Cl. F41B 7/08 (2006.01) F41A 11/00 (2006.01)**
[25] EN
[54] **QUICK ASSEMBLING/DISASSEMBLING STRUCTURE FOR MOTOR HANDLE MODULE OF ELECTRICAL GEAR BOX**
[54] **STRUCTURE A ASSEMBLAGE ET DESASSEMBLAGE RAPIDE POUR MODULE DE POIGNEE A MOTEUR D'UNE BOITE A ENGRENAGES ELECTRIQUES**
[72] LIAO, YIN-HSI, TW
[73] GUAY GUAY TRADING CO., LTD., TW
[86] (2785343)
[87] (2785343)
[22] 2012-08-15

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[11] **2,786,870**
[13] C
[51] **Int.Cl. H04L 12/24 (2006.01) H04W 8/18 (2009.01) H04W 28/16 (2009.01) H04L 12/26 (2006.01) G06Q 30/04 (2012.01)**
[25] EN
[54] **DEVICE ASSISTED AMBIENT SERVICES**
[54] **SERVICES AMBIANTS ASSISTES PAR DES DISPOSITIFS**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
[85] 2012-07-11
[86] 2010-01-18 (PCT/US2010/021304)
[87] (WO2010/088082)
[30] US (61/206,354) 2009-01-28
[30] US (61/206,944) 2009-02-04
[30] US (61/207,393) 2009-02-10
[30] US (61/207,739) 2009-02-13
[30] US (12/380,755) 2009-03-02

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[11] **2,787,380**
[13] C
[51] **Int.Cl. G07F 17/30 (2006.01)**
[25] EN
[54] **DIGITAL JUKEBOX DEVICE WITH IMPROVED USER INTERFACES, AND ASSOCIATED METHODS**
[54] **DISPOSITIF DE JUKE-BOX NUMERIQUE AYANT DES INTERFACES D'UTILISATEUR PERFECTIONNEES, ET PROCEDES ASSOCIES**
[72] BEAUMIER, FRANCOIS, US
[72] DESMARAIS, REMI, US
[72] HEBERT, SEBASTIEN, US
[72] GRATTON, LOIC, US
[72] KHENFIR, MOUNIR, US
[72] RIVERA, ED, US
[72] TOOKER, MICHAEL, US
[72] POMPIDOR, CHRISTIAN, US
[73] TOUCHTUNES MUSIC CORPORATION, US
[85] 2012-07-16
[86] 2011-01-26 (PCT/US2011/022598)
[87] (WO2011/094330)
[30] US (61/298,509) 2010-01-26
[30] US (61/431,036) 2011-01-09

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[11] **2,787,550**
[13] C
[51] **Int.Cl. A01N 25/02 (2006.01) A01N 25/04 (2006.01) A01N 37/34 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 43/653 (2006.01) A01N 47/24 (2006.01) A01P 3/00 (2006.01) A01P 7/02 (2006.01) A01P 7/04 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **ANHYDROUS COMPOSITION COMPRISING A DISSOLVED AND A SUSPENDED PESTICIDE, ALKYL LACTATE AND ALCOHOL**
[54] **COMPOSITION ANHYDRE RENFERMANT UN PESTICIDE EN SOLUTION ET UN PESTICIDE EN SUSPENSION, UN LACTATE D'ALKYLE ET UN ALCOOL**
[72] MERTOGLU, MURAT, DE
[72] MAYER, WINFRIED, DE
[72] STROBEL, DIETER, DE
[72] BERGHAUS, RAINER, DE
[72] STRATHMANN, SIEGFRIED, DE
[73] BASF SE, DE
[85] 2012-07-19
[86] 2011-02-07 (PCT/EP2011/051733)
[87] (WO2011/098419)
[30] EP (10153451.9) 2010-02-12

[11] **2,789,202**
[13] C
[51] **Int.Cl. H01F 27/02 (2006.01) B65D 85/66 (2006.01) B65D 85/672 (2006.01) B65D 85/676 (2006.01)**
[25] EN
[54] **TRANSPORT HOUSING FOR A COIL OR A COIL BLOCK**
[54] **BOITIER DE TRANSPORT POUR UN ENROULEMENT OU UN BLOC D'ENROULEMENT**
[72] BRENDEL, HARTMUT, DE
[73] ABB TECHNOLOGY AG, CH
[85] 2012-08-07
[86] 2011-01-18 (PCT/EP2011/050610)
[87] (WO2011/095391)
[30] EP (10001256.6) 2010-02-08

---

[11] **2,793,411**
[13] C
[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/15 (2006.01) A61F 13/53 (2006.01)**
[25] EN
[54] **WATER-ABSORBENT SHEET STRUCTURE**
[54] **STRUCTURE LAMELLAIRE HYGROSCOPIQUE**
[72] TAKATORI, JUNICHI, JP
[72] MATSUSHITA, HIDEKI, JP
[72] SAKATA, JUN, JP
[72] INABA, HARUKA, JP
[73] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2012-09-14
[86] 2011-03-10 (PCT/JP2011/055670)
[87] (WO2011/118409)
[30] JP (2010-069990) 2010-03-25

---

[11] **2,793,711**
[13] C
[51] **Int.Cl. H04W 8/20 (2009.01) H04W 80/12 (2009.01)**
[25] EN
[54] **METHOD FOR COMMUNICATING DEVICE MANAGEMENT DATA CHANGES**
[54] **PROCEDE PERMETTANT DE COMMUNIQUER DES CHANGEMENTS DE DONNEES DE GESTION D'UN DISPOSITIF**
[72] ALFANO, NICHOLAS PATRICK, GB
[72] PARRY, THOMAS OWEN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2012-09-19
[86] 2011-03-24 (PCT/CA2011/000304)
[87] (WO2011/120131)
[30] US (61/319,954) 2010-04-01
[30] US (13/053,901) 2011-03-22

---

[11] **2,794,207**
[13] C
[51] **Int.Cl. A01K 85/18 (2006.01)**
[25] EN
[54] **CONVERTIBLE FISHING LURE ASSEMBLY**
[54] **ENSEMBLE FORMANT LEURRE DE PECHE CONVERTIBLE**
[72] BURDICK, JON SCOTT, US
[73] BURDICK CONSULTING SERVICES LLC, US
[85] 2012-09-21
[86] 2011-03-23 (PCT/US2011/029564)
[87] (WO2011/119688)
[30] US (12/661,730) 2010-03-23

---

[11] **2,794,944**
[13] C
[51] **Int.Cl. C07F 7/18 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING SILICON-CONTAINING AZODICARBAMIDES**
[54] **PROCEDE DE PRODUCTION D'AZODICARBAMIDES CONTENANT DU SILICIUM**
[72] KORTH, KARSTEN, DE
[72] KECK, JULIA, DE
[72] WITZSCHE, SUSANN, DE
[72] KLOCKMANN, OLIVER, DE
[72] MONKIEWICZ, JAROSLAW, DE
[72] SPRINGER, CHRISTIAN, DE
[73] EVONIK DEGUSSA GMBH, DE
[85] 2012-09-28
[86] 2011-03-15 (PCT/EP2011/053824)
[87] (WO2011/120792)
[30] DE (102010003387.1) 2010-03-29

---

[11] **2,795,041**
[13] C
[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] EN
[54] **ENVIRONMENT CONDITIONING SYSTEM OF THE INNER SPACE OF A DATA CENTRE**
[54] **SYSTEME DE CONDITIONNEMENT DE L'ENVIRONNEMENT DANS L'ESPACE INTERIEUR D'UN CENTRE DE DONNEES**
[72] FAIG PALOMER, MARC, ES
[73] AST MODULAR, S.L., ES
[85] 2012-09-28
[86] 2010-03-31 (PCT/ES2010/000136)
[87] (WO2011/121141)
[30] ES (P 201030478) 2010-03-30

---

[11] **2,795,260**
[13] C
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/178 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **SYSTEMS, DEVICES, METHODS FOR DELIVERING HYDROGEL COMPOSITIONS WITH SELF-PURGING TO PREVENT CLOGGING**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR DISTRIBUER DES COMPOSITIONS D'HYDROGEL AVEC PURGE AUTOMATIQUE POUR EVITER L'ENCRASSEMENT**
[72] BARKER, PETER, JR., US
[72] MEZGER, WILLIAM JEROME, US
[73] NEOMEND, INC., US
[85] 2012-10-02
[86] 2011-04-05 (PCT/US2011/031192)
[87] (WO2011/127020)
[30] US (61/320,909) 2010-04-05

---

[11] **2,795,739**
[13] C
[51] **Int.Cl. G09G 5/36 (2006.01) G06T 13/00 (2011.01) G06T 15/00 (2011.01)**
[25] EN
[54] **FILE FORMAT FOR REPRESENTING A SCENE**
[54] **FORMAT DE FICHIER POUR REPRESENTER UNE SCENE**
[72] RAO, ARUN, US
[72] GRASSIA, FRANK, US
[72] O'BRIEN, MICHAEL, US
[72] SHANTZIS, MICHAEL, US
[72] EDMONDSON, PAUL, US
[73] PIXAR, US
[86] (2795739)
[87] (2795739)
[22] 2012-11-14
[30] US (61/560,255) 2011-11-15
[30] US (13/323,027) 2011-12-12

[11] **2,795,962**
[13] C
[51] **Int.Cl. B29B 17/04 (2006.01)**
[25] EN
[54] **DEVICE FOR PROCESSING PLASTIC MATERIAL**
[54] **DISPOSITIF POUR PREPARER UNE MATIERE PLASTIQUE**
[72] WEIGERSTORFER, GEORG, AT
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[72] WENDELIN, GERHARD, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H, AT
[85] 2012-10-10
[86] 2011-04-13 (PCT/AT2011/000180)
[87] (WO2011/127508)
[30] AT (A 600/2010) 2010-04-14

[11] **2,798,677**
[13] C
[51] **Int.Cl. F28G 5/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR DEFOULING A HEAT EXCHANGER**
[54] **PROCEDE ET DISPOSITIF DE DESENCRASSEMENT D'ECHANGEUR DE CHALEUR**
[72] BOUHABILA, EL HANI, FR
[72] MALARD, THIERRY, FR
[73] SOLIOS ENVIRONNEMENT, FR
[85] 2012-11-06
[86] 2011-05-10 (PCT/FR2011/051045)
[87] (WO2011/141673)
[30] FR (10 53721) 2010-05-12

[11] **2,801,569**
[13] C
[51] **Int.Cl. A61K 51/04 (2006.01) C07B 59/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF F-18 LABELED AMYLOID BETA LIGANDS**
[54] **PROCEDE DE PRODUCTION DE LIGANDS DE L'AMYLOIDE BETA MARQUES AU 18F**
[72] BERNDT, MATHIAS, DE
[72] FRIEBE, MATTHIAS, DE
[72] HULTSCH, CHRISTINA, DE
[72] SAMSON, FABRICE, KR
[72] PATT, MARIANNE, DE
[72] SCHILDAN, ANDREAS, DE
[72] SMUDA, CHRISTOPH, CH
[73] PIRAMAL IMAGING SA, CH
[85] 2012-12-04
[86] 2011-05-30 (PCT/EP2011/058786)
[87] (WO2011/151273)
[30] EP (10164950.7) 2010-06-04

[11] **2,803,046**
[13] C
[51] **Int.Cl. A61M 27/00 (2006.01) B08B 9/04 (2006.01)**
[25] EN
[54] **SELF CLEANING SHUNT**
[54] **CONDUIT COLLECTEUR AUTONETTOYANT**
[72] SAMOOCHA, OR, IL
[72] ZAAROOR, MENASHE, IL
[72] SHOHAM, MOSHE, IL
[73] TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD., IL
[85] 2012-12-17
[86] 2011-06-19 (PCT/IL2011/000486)
[87] (WO2011/158244)
[30] US (61/344,251) 2010-06-18

[11] **2,803,110**
[13] C
[51] **Int.Cl. A61G 13/02 (2006.01) A61G 13/04 (2006.01) A61G 13/08 (2006.01) A61G 13/12 (2006.01)**
[25] EN
[54] **PATIENT POSITIONING SUPPORT STRUCTURE WITH TRUNK TRANSLATOR**
[54] **STRUCTURE DE SUPPORT DE POSITIONNEMENT DE PATIENT COMPORTANT UN TRANSLATEUR DE TRONC**
[72] JACKSON, ROGER P., US
[73] JACKSON, ROGER P., US
[85] 2012-12-18
[86] 2011-06-21 (PCT/US2011/001101)
[87] (WO2011/162803)
[30] US (12/803,192) 2010-06-21

[11] **2,803,306**
[13] C
[51] **Int.Cl. B64D 37/00 (2006.01) B64D 41/00 (2006.01) F02C 7/22 (2006.01)**
[25] EN
[54] **HYBRID APU START FUEL SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN CARBURANT POUR DEMARRAGE DE GROUPE AUXILIAIRE DE PUISSANCE HYBRIDE**
[72] RIPLEY, DAVID LLOYD, US
[72] HAGSHENAS, BEHZAD, US
[73] HAMILTON SUNDSTRAND CORPORATION, US
[86] (2803306)
[87] (2803306)
[22] 2013-01-22
[30] US (13/363,472) 2012-02-01

[11] **2,805,584**
[13] C
[51] **Int.Cl. F04B 47/00 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **WELLHEAD DRIVE BRAKE SYSTEM**
[54] **SYSTEME DE FREINAGE POUR ORGANE MOTEUR DE TETE DE PUITS**
[72] ZUBIRI, JUAN L., AR
[72] CAUNEDO, CARLOS, AR
[72] PONTELLI, NICOLAS, AR
[72] YOUNG, LUCAS, AR
[73] ENER TOOLS S.A., AR
[86] (2805584)
[87] (2805584)
[22] 2013-02-11
[30] AR (P 12 01 00503) 2012-02-15

---

[11] **2,805,689**
[13] C
[51] **Int.Cl. F23C 9/00 (2006.01) F23C 6/04 (2006.01) F23D 1/02 (2006.01) F23L 7/00 (2006.01) F23L 9/02 (2006.01) F23N 3/00 (2006.01)**
[25] EN
[54] **COMBUSTION APPARATUS**
[54] **APPAREIL DE COMBUSTION**
[72] CAMERON, STUART DUNCAN, GB
[72] CAMERON, EUAN DONALD, GB
[73] DOOSAN BABCOCK LIMITED, GB
[85] 2013-01-16
[86] 2010-07-23 (PCT/GB2010/051217)
[87] (WO2011/010161)
[30] GB (0912769.7) 2009-07-23

---

[11] **2,806,821**
[13] C
[51] **Int.Cl. C07D 217/26 (2006.01) A61K 31/4725 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61K 31/553 (2006.01) A61P 25/04 (2006.01) A61P 29/00 (2006.01) A61P 43/00 (2006.01) C07D 237/34 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 495/04 (2006.01)**
[25] EN
[54] **FUSED RING PYRIDINE COMPOUND**
[54] **COMPOSE DE PYRIDINE A CYCLE CONDENSE**
[72] MATSUSHIMA, YUJI, JP
[72] KAMEDA, MINORU, JP
[72] HONDA, SHUGO, JP
[72] SUGANO, YUKIHITO, JP
[72] USUDA, HIROYUKI, JP
[72] TERASAKA, TADASHI, JP
[72] TERASAWA, TAKESHI, JP
[72] NISHIGAKI, FUSAKO, JP
[73] ASTELLAS PHARMA INC., JP
[85] 2013-01-28
[86] 2011-07-28 (PCT/JP2011/067222)
[87] (WO2012/014963)
[30] JP (2010-170338) 2010-07-29

---

[11] **2,807,146**
[13] C
[51] **Int.Cl. E21B 19/02 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **CONTROL LINE INSTALLATION UNIT**
[54] **UNITE D'INSTALLATION DE LIGNE DE COMMANDE**
[72] SONNIER, ERROL A., US
[73] TESCO CORPORATION, US
[85] 2013-01-30
[86] 2011-08-03 (PCT/US2011/046460)
[87] (WO2012/018937)
[30] US (61/370,275) 2010-08-03

---

[11] **2,807,414**
[13] C
[51] **Int.Cl. A61F 7/10 (2006.01)**
[25] EN
[54] **ICE BAG WITH AIR RELEASE VALVE FOR THERAPEUTIC TREATMENT**
[54] **POCHE DE GLACE AVEC CLAPET DE DECHARGE D'AIR DESTINEE A UN TRAITEMENT THERAPEUTIQUE**
[72] MARTON, ROBERT, US
[72] KATZ, ANTHONY, US
[73] HYPER ICE, INC., US
[85] 2013-02-01
[86] 2011-08-04 (PCT/US2011/046612)
[87] (WO2012/019018)
[30] US (61/371,145) 2010-08-05
[30] US (61/416,278) 2010-11-22
[30] US (61/424,044) 2010-12-16
[30] US (12/987,989) 2011-01-10

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[11] **2,807,580**
[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) G06F 15/16 (2006.01) H04L 12/12 (2006.01) H04L 12/24 (2006.01)**
[25] EN
[54] **INTERNET BASED SPA NETWORKING SYSTEM HAVING WIRELESS SPA NODES**
[54] **SYSTEME DE RESEAUTAGE DE SPA PAR INTERNET COMPORTANT DES NOEUDS SANS FIL POUR SPA**
[72] MACEY, STEPHEN S., US
[73] WATKINS MANUFACTURING CORPORATION, US
[85] 2013-02-05
[86] 2011-08-30 (PCT/US2011/049782)
[87] (WO2012/030855)
[30] US (61/378,339) 2010-08-30

[11] **2,808,435**
[13] C
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61K 31/55 (2006.01) A61P 1/04 (2006.01) A61P 11/06 (2006.01) A61P 17/06 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07D 403/04 (2006.01) C07D 403/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 471/10 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND**
[54] **COMPOSE HETEROCYCLIQUE**
[72] TAKAHASHI, FUMIE, JP
[72] IMADA, SUNAO, JP
[72] ASANO, TORU, JP
[72] KOZUKI, YOSHIHIRO, JP
[72] MAEDA, JUNKO, JP
[72] KATO, KOJI, JP
[72] FUKAHORI, HIDEHIKO, JP
[72] SHIWAKU, MASAHIKO (DECEASED), JP
[73] ASTELLAS PHARMA INC., JP
[85] 2013-02-08
[86] 2011-08-09 (PCT/JP2011/068169)
[87] (WO2012/020762)
[30] JP (2010-179418) 2010-08-10

---

[11] **2,808,597**
[13] C
[51] **Int.Cl. B05B 13/02 (2006.01) B05B 12/12 (2006.01) B05B 13/06 (2006.01) B05C 9/12 (2006.01) F16L 15/04 (2006.01)**
[25] EN
[54] **COATING APPARATUS FOR APPLYING A UV CURABLE RESIN TO A THREADED END OF A STEEL PIPE**
[54] **APPAREIL DE REVETEMENT PERMETTANT D'APPLIQUER UNE RESINE DURCISSABLE AUX UV A UNE EXTREMITE FILETEE D'UN TUYAU EN ACIER**
[72] SASAKI, MASAYOSHI, JP
[72] SUMITANI, KATSUTOSHI, JP
[72] NAKAMURA, TAKUMI, JP
[72] MASUBUCHI, JUN, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2013-02-15
[86] 2011-08-29 (PCT/JP2011/070089)
[87] (WO2012/029967)
[30] JP (2010-194156) 2010-08-31

---

[11] **2,811,650**
[13] C
[51] **Int.Cl. B05D 1/02 (2006.01) B05B 15/10 (2006.01) B05B 15/12 (2006.01)**
[25] EN
[54] **SECONDARY CONTAINMENT PANELS AND PROCESS FOR MAKING AND INSTALLING SAME**
[54] **PANNEAUX DE RETENUE SECONDAIRES ET PROCEDE DE FABRICATION ET D'INSTALLATION**
[72] WHITENER, MICHAEL, US
[73] WHITENER, MICHAEL, US
[86] (2811650)
[87] (2811650)
[22] 2013-04-02
[30] US (13/435,093) 2012-03-30

---

[11] **2,811,868**
[13] C
[51] **Int.Cl. G06F 3/048 (2013.01) G06F 3/01 (2006.01) G06F 3/033 (2013.01)**
[25] EN
[54] **OPERATION INPUT APPARATUS, OPERATION INPUT METHOD, AND PROGRAM**
[54] **APPAREIL D'ENTREE D'OPERATION, PROCEDE D'ENTREE D'OPERATION, ET PROGRAMME**
[72] IZUMI, KENJI, JP
[73] SHIMANE PREFECTURAL GOVERNMENT, JP
[85] 2013-03-20
[86] 2011-09-22 (PCT/JP2011/005354)
[87] (WO2012/039140)
[30] JP (2010-212582) 2010-09-22
[30] JP (2011-149037) 2011-07-05

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[11] **2,813,744**
[13] C
[51] **Int.Cl. H04W 12/02 (2009.01) H04W 4/10 (2009.01) H04L 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PARTICIPATING IN GROUP COMMUNICATION SERVICES IN AN EXISTING COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL POUR PARTICIPER A DES SERVICES DE COMMUNICATIONS DE GROUPE DANS UN SYSTEME DE COMMUNICATION EXISTANT**
[72] MAGGENTI, MARK, US
[72] CROCKETT, DOUGLAS M., US
[72] ROSEN, ERIC, US
[73] QUALCOMM INCORPORATED, US
[86] (2813744)
[87] (2813744)
[22] 2001-03-02
[62] 2,401,106
[30] US (09/518,776) 2000-03-03

[11] **2,814,024**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **MOESIN MODULATORS AND USES THEREOF**
[54] **MODULATEURS DE LA MOESINE ET LEURS UTILISATIONS**
[72] ZHANG, YUE, CN
[72] BAO, JUN, CN
[72] MAO, HUA, CN
[72] SHOU, ZHINAN, CN
[72] SITU, WEINA, CN
[73] SHANGHAI KEXIN BIOTECH CO., LTD., CN
[85] 2013-04-08
[86] 2011-10-08 (PCT/CN2011/080520)
[87] (WO2012/045274)
[30] CN (PCT/CN2010/077589) 2010-10-08

---

[11] **2,814,029**
[13] C
[51] **Int.Cl. A61K 38/16 (2006.01) C07K 2/00 (2006.01)**
[25] EN
[54] **MOESIN FRAGMENTS ASSOCIATED WITH IMMUNE THROMBOCYTOPENIA**
[54] **FRAGMENTS DE LA MOESINE ASSOCIES A UNE THROMBOCYTOPENIE IMMUNITAIRE**
[72] ZHANG, YUE, CN
[72] BAO, JUN, CN
[73] SHANGHAI KEXIN BIOTECH CO., LTD., CN
[85] 2013-04-08
[86] 2011-10-08 (PCT/CN2011/080532)
[87] (WO2012/045279)
[30] CN (PCT/CN2010/077587) 2010-10-08
[30] CN (PCT/CN2011/073881) 2011-05-10

---

[11] **2,814,171**
[13] C
[51] **Int.Cl. F04B 51/00 (2006.01)**
[25] EN
[54] **LIQUID NITROGEN PUMP EQUIPMENT LOAD TESTING AND EXPERIMENTING APPARATUS AND TESTING AND EXPERIMENTING METHOD THEREOF**
[54] **APPAREIL D'ESSAI DE CHARGE ET D'EXPERIMENTATION D'UN EQUIPEMENT DE POMPE A AZOTE LIQUIDE ET PROCEDE D'ESSAI ET D'EXPERIMENTATION POUR CET APPAREIL**
[72] WANG, SHULONG, CN
[72] TAN, XIANYING, CN
[72] WANG, XIAOLIN, CN
[72] ZHANG, HONGGUANG, CN
[72] SHI, YONGQING, CN
[72] GU, FANG, CN
[73] CHINA NATIONAL PETROLEUM CORPORATION, CN
[73] CNPC BOHAI EQUIPMENT MANUFACTURING CO., LTD., CN
[85] 2013-04-09
[86] 2011-09-28 (PCT/CN2011/001642)
[87] (WO2012/048524)
[30] CN (201010509340.9) 2010-10-14

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[11] **2,815,032**
[13] C
[51] **Int.Cl. E02F 3/36 (2006.01)**
[25] EN
[54] **COUPLER-ASSEMBLY FOR ATTACHING BUCKET OR THE LIKE TO ARTICULATING ARM**
[54] **ENSEMBLE D'ACCOUPLEMENT POUR FIXER UN GODET OU UN ELEMENT SIMILAIRE A UN BRAS ARTICULE**
[72] FREY, STEVEN O., CA
[73] AMI ATTACHMENTS INC., CA
[86] (2815032)
[87] (2815032)
[22] 2013-04-30

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[11] **2,815,084**
[13] C
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01)**
[25] EN
[54] **CDK INHIBITORS**
[54] **INHIBITEURS DE CDK**
[72] TAVARES, FRANCIS X., US
[72] STRUM, JAY C., US
[73] G1 THERAPEUTICS, INC., US
[85] 2013-04-17
[86] 2011-10-25 (PCT/US2011/057749)
[87] (WO2012/061156)
[30] US (61/406,498) 2010-10-25

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[11] **2,815,493**
[13] C
[51] **Int.Cl. G07F 17/32 (2006.01) G07F 17/34 (2006.01)**
[25] EN
[54] **GAMING MACHINE AND METHOD WITH BONUS FEATURES**
[54] **MACHINE DE JEU ET PROCEDE AVEC FONCTIONS BONUS**
[72] SCHWERDLING, DIRK, DE
[73] NOVOMATIC AG, AT
[85] 2013-04-22
[86] 2011-11-09 (PCT/EP2011/069783)
[87] (WO2012/062826)
[30] US (12/943,175) 2010-11-10

---

[11] **2,815,627**
[13] C
[51] **Int.Cl. G01N 27/82 (2006.01) G01N 27/90 (2006.01)**
[25] EN
[54] **INSPECTION APPARATUS AND METHOD**
[54] **APPAREIL D'INSPECTION ET METHODE**
[72] BOENISCH, ANDREAS, DE
[73] INNOSPECTION GROUP LIMITED, GB
[85] 2013-04-23
[86] 2010-11-12 (PCT/GB2010/051892)
[87] (WO2011/058370)
[30] GB (0920005.6) 2009-11-16

[11] **2,815,669**
[13] C
[51] **Int.Cl. C11D 1/83 (2006.01) C11D 1/02 (2006.01) C11D 1/28 (2006.01) C11D 1/66 (2006.01) C11D 1/94 (2006.01)**
[25] EN
[54] **LAUNDRY DETERGENTS BASED ON COMPOSITIONS DERIVED FROM NATURAL OIL METATHESIS**
[54] **DETERGENTS LESSIVIELS A BASE DE COMPOSITIONS DERIVEES DE LA METATHESE D'HUILES NATURELLES**
[72] ALLEN, DAVE R., US
[72] ALONSO, MARCOS, US
[72] BERNHARDT, RANDAL J., US
[72] MURPHY, DENNIS S., US
[72] WOLFE, PATRICK SHANE, US
[72] BROWN, AARON, US
[73] STEPAN COMPANY, US
[85] 2013-04-23
[86] 2011-10-25 (PCT/US2011/057622)
[87] (WO2012/061108)
[30] US (61/406,570) 2010-10-25
[30] US (61/406,547) 2010-10-25
[30] US (61/406,556) 2010-10-25

[11] **2,815,702**
[13] C
[51] **Int.Cl. C07C 233/36 (2006.01) A01N 25/30 (2006.01) A61K 8/41 (2006.01) A61K 8/42 (2006.01) A61Q 19/10 (2006.01) B01F 17/00 (2006.01) C09D 7/12 (2006.01) C09K 8/52 (2006.01) C09K 8/54 (2006.01) C11D 1/00 (2006.01)**
[25] EN
[54] **FATTY AMINES, AMIDOAMINES, AND THEIR DERIVATIVES FROM NATURAL OIL METATHESIS**
[54] **AMINES GRASSES, AMIDOAMINES GRASSES ET LEURS DERIVES PROVENANT DE LA METATHESE D'HUILES NATURELLES**
[72] ALLEN, DAVE R., US
[72] ALONSO, MARCOS, US
[72] BERNHARDT, RANDAL J., US
[72] BROWN, AARON, US
[72] BUCHEK, KELLY, US
[72] LUEBKE, GARY, US
[72] LUKA, RENEE, US
[72] MALEC, ANDREW D., US
[72] MASTERS, RONALD A., US
[72] MUNIE, LAWRENCE A., US
[72] MURPHY, DENNIS S., US
[72] SHAPIRO, IRENE, US
[72] SKELTON, PATTI, US
[72] SOOK, BRIAN, US
[72] TERRY, MICHAEL R., US
[72] WHITLOCK, LAURA LEE, US
[72] WIESTER, MICHAEL, US
[72] WOLFE, PATRICK SHANE, US
[73] STEPAN COMPANY, US
[85] 2013-04-23
[86] 2011-10-25 (PCT/US2011/057602)
[87] (WO2012/061095)
[30] US (61/406,570) 2010-10-25
[30] US (61/406,556) 2010-10-25
[30] US (61/406,547) 2010-10-25

[11] **2,816,297**
[13] C
[51] **Int.Cl. C10G 1/00 (2006.01)**
[25] EN
[54] **EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING**
[54] **SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE**
[72] TRAUTMAN, MARK, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TAYLOR, GEORGE, US
[72] CIMOLAI, MAURO, CA
[73] HARRIS CORPORATION, US
[85] 2013-04-26
[86] 2010-11-17 (PCT/US2010/057090)
[87] (WO2012/067613)

[11] **2,817,215**
[13] C
[51] **Int.Cl. A61L 24/04 (2006.01) A61B 17/03 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **ADHESIVE COMPOUNDS FOR USE IN HERNIA REPAIR**
[54] **COMPOSES ADHESIFS POUR UTILISATION DANS LA REPARATION DE HERNIE**
[72] LEE, BRUCE P., US
[72] DALSIN, JEFFREY L., US
[72] MURPHY, JOHN L., US
[72] VOLLENWEIDER, LAURA, US
[72] LYMAN, ARINNE, US
[72] XU, FANGMIN, US
[72] WHITE, JEDIAH, US
[72] LEW, WILLIAM, US
[72] BRODIE, MICHAEL, US
[73] KENSEY NASH CORPORATION, US
[85] 2013-05-07
[86] 2011-11-09 (PCT/US2011/059930)
[87] (WO2012/064821)
[30] US (61/411,747) 2010-11-09
[30] US (61/415,743) 2010-11-19

[11] **2,817,559**
[13] C
[51] **Int.Cl. G06F 9/06 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CHANGING ABILITIES OF A PROCESS**
[54] **SYSTEME ET METHODE POUR MODIFIER LES CAPACITES D'UN PROCESSUS**
[72] STECHER, BRIAN JOHN, CA
[72] GOODMAN, KEVIN, CA
[72] RISTOVSKI, ALEKSANDAR, CA
[73] 2236008 ONTARIO INC., CA
[86] (2817559)
[87] (2817559)
[22] 2013-06-04
[30] US (13/490,180) 2012-06-06

---

[11] **2,817,865**
[13] C
[51] **Int.Cl. G01D 5/353 (2006.01) G01K 11/32 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **A BRILLOUIN OPTOELECTRONIC MEASUREMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE MESURE OPTOELECTRONIQUES DE BRILLOUIN**
[72] LE FLOCH, SEBASTIEN, CH
[73] OMNISENS SA, CH
[85] 2013-05-14
[86] 2010-12-22 (PCT/EP2010/070585)
[87] (WO2012/084040)

---

[11] **2,817,940**
[13] C
[51] **Int.Cl. B65G 47/84 (2006.01)**
[25] EN
[54] **SORTATION CONVEYOR**
[54] **TRANSPORTEUR DE TRI**
[72] BROWN, ALLEN C., US
[72] HEIT, MARTIN ALBERT, US
[72] ZIMMER, JUSTIN, US
[72] NEISER, RAYMOND R., US
[73] INTELLIGRATED HEADQUARTERS, LLC, US
[86] (2817940)
[87] (2817940)
[22] 2004-03-12
[62] 2,516,703
[30] US (60/454,078) 2003-03-12

---

[11] **2,822,123**
[13] C
[51] **Int.Cl. E04B 2/02 (2006.01)**
[25] EN
[54] **EXTERIOR WALL PANELS SYSTEM**
[54] **SYSTEME DE PANNEAUX DE PAROI EXTERIEURS**
[72] VINESS, TERRY L., US
[72] ROMANO, CHRISTOPHER M., US
[72] REMMELE, THOMAS E., US
[73] STO CORP., US
[86] (2822123)
[87] (2822123)
[22] 2013-07-29

---

[11] **2,822,983**
[13] C
[51] **Int.Cl. A61B 17/43 (2006.01) C12N 5/076 (2010.01) A01K 67/027 (2006.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEM TO SEPARATE FROZEN-THAWED SPERMATOZOA INTO X-CHROMOSOME BEARING AND Y-CHROMOSOME BEARING POPULATIONS**
[54] **SYSTEME DE DISSOCIATION DE SPERMATOZOIDES CONGELES-DECONGELES PORTEURS D'UN CHROMOSOME X DE CEUX PORTEURS D'UN CHROMOSOME Y**
[72] SEIDEL, GEORGE E., US
[72] SUH, TAE KWANG, US
[72] LU, KEHUAN, GB
[73] XY, LLC, US
[86] (2822983)
[87] (2822983)
[22] 2001-11-29
[62] 2,468,772
[30] US (60/253,785) 2000-11-29
[30] US (60/253,787) 2000-11-29

---

[11] **2,823,431**
[13] C
[51] **Int.Cl. F23L 7/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED COMBUSTION PROCESS AND BURNER**
[54] **PROCESSUS DE COMBUSTION DISTRIBUEE ET BRULEUR**
[72] KANG, TAEKYU, US
[72] GAUTAM, VIVEK, US
[72] PRABHAKAR, RAJEEV S., US
[72] GRAND, BENOIT, FR
[72] LEROUX, BERTRAND, FR
[72] MORTBERG, MAGNUS, DE
[72] DOCQUIER, NICOLAS, US
[73] L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2013-06-27
[86] 2011-12-21 (PCT/US2011/066527)
[87] (WO2012/092069)
[30] US (12/982,818) 2010-12-30

---

[11] **2,823,693**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01) H04W 4/02 (2009.01) H04W 8/18 (2009.01) G06Q 30/02 (2012.01) G06F 15/18 (2006.01)**
[25] EN
[54] **GEOGRAPHICALLY LOCALIZED RECOMMENDATIONS IN A COMPUTING ADVICE FACILITY**
[54] **RECOMMANDATIONS GEOGRAPHIQUEMENT LOCALISEES DANS UNE INSTALLATION DE CONSEIL INFORMATIQUE**
[72] PINCKNEY, THOMAS, US
[72] DIXON, CHRISTOPHER, US
[72] GATTIS, MATTHEW RYAN, US
[73] EBAY INC., US
[85] 2013-07-03
[86] 2012-01-05 (PCT/US2012/020362)
[87] (WO2012/094519)
[30] US (61/430,318) 2011-01-06
[30] US (61/438,684) 2011-02-02
[30] US (61/477,276) 2011-04-20
[30] US (13/155,964) 2011-06-08

[11] **2,824,986**
[13] C
[51] **Int.Cl. B01J 20/28 (2006.01) B01D 53/02 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEMS HAVING AN ENCASED ADSORBENT CONTACTOR AND SWING ADSORPTION PROCESSES RELATED THERETO**
[54] **APPAREILS ET SYSTEMES A DISPOSITIF DE CONTACT AVEC L'ADSORBANT ENCAPSULE ET PROCEDES D'ADSORPTION MODULEE CORRESPONDANTS**
[72] TAMMERA, ROBERT F., US
[72] BASILE, RICHARD J., US
[72] FREDERICK, JEFFREY W., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-07-16
[86] 2012-02-27 (PCT/US2012/026797)
[87] (WO2012/118755)
[30] US (61/448,117) 2011-03-01

[11] **2,825,146**
[13] C
[51] **Int.Cl. C22C 38/42 (2006.01) C22C 38/44 (2006.01)**
[25] EN
[54] **HIGH STRENGTH, HIGH TOUGHNESS STEEL ALLOY**
[54] **ALLIAGE D'ACIER A HAUTE RESISTANCE ET HAUTE TENACITE**
[72] NOVOTNY, PAUL M., US
[73] CRS HOLDINGS, INC., US
[85] 2013-07-18
[86] 2012-01-30 (PCT/US2012/023088)
[87] (WO2012/103539)
[30] US (13/016,606) 2011-01-28

[11] **2,825,454**
[13] C
[51] **Int.Cl. H02M 3/04 (2006.01) H02S 40/30 (2014.01) H01M 10/44 (2006.01) H02J 7/35 (2006.01)**
[25] EN
[54] **ENERGY CONVERTING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE CONVERSION D'ENERGIE**
[72] FALL, MOHAMED PAPA TALLA, FR
[72] AJRAM, SAMI, FR
[73] FALL, MOHAMED PAPA TALLA, FR
[85] 2013-07-23
[86] 2012-01-18 (PCT/EP2012/000223)
[87] (WO2012/100924)
[30] EP (11290046.9) 2011-01-26

[11] **2,825,650**
[13] C
[51] **Int.Cl. G01N 23/223 (2006.01)**
[25] EN
[54] **METHOD OF STEEL GRADE DETERMINATION FOR STEEL MATERIAL**
[54] **METHODE D'EVALUATION DE TYPES D'ACIER POUR MATERIAU A BASE D'ACIER**
[72] FUJIWARA, KENJI, JP
[72] KUBOTA, HIROSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-07-24
[86] 2012-01-19 (PCT/JP2012/051043)
[87] (WO2012/105324)
[30] JP (2011-017787) 2011-01-31

[11] **2,825,760**
[13] C
[51] **Int.Cl. G06Q 50/30 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SPONSORED STORIES UNIT CREATION FROM ORGANIC ACTIVITY STREAM**
[54] **CREATION D'UNITES D'HISTOIRES SPONSORISEES A PARTIR D'UN FLUX D'ACTIVITE ORGANIQUE**
[72] SCHOEN, KENT, US
[72] LI, NING, US
[72] JIN, ROBERT KANG XING, US
[72] ZIGORIS, PHILIP ANASTASIOS, US
[72] GRONSKI, JESSICA, US
[72] WALKE, JORDAN, US
[72] GIOVANOLA, ERIC MICHEL, US
[73] FACEBOOK, INC., US
[85] 2013-07-25
[86] 2012-02-02 (PCT/US2012/023631)
[87] (WO2012/106515)
[30] US (13/020,745) 2011-02-03

[11] **2,826,166**
[13] C
[51] **Int.Cl. A61K 31/737 (2006.01) A61K 31/727 (2006.01) A61P 19/08 (2006.01)**
[25] EN
[54] **TREATMENT OF BONE MARROW EDEMA (OEDEMA) WITH POLYSULFATED POLYSACCHARIDES**
[54] **TRAITEMENT D'UN □DEME DE LA MOELLE OSSEUSE AVEC DES POLYSACCHARIDES POLYSULFATES**
[72] GHOSH, PETER, AU
[73] PARADIGM HEALTH SCIENCES PTY LTD, AU
[85] 2013-07-31
[86] 2012-02-02 (PCT/AU2012/000091)
[87] (WO2012/103588)
[30] AU (2011900325) 2011-02-02

[11] **2,826,844**
[13] C
[51] **Int.Cl. H01H 33/08 (2006.01)**
[25] EN
[54] **ARC-RESISTANT SWITCHGEAR ENCLOSURE WITH VENT ARRANGEMENT OF A LOWER COMPARTMENT**
[54] **ENCEINTE D'APPAREILLAGE ELECTRIQUE RESISTANT A L'ARC AVEC AGENCEMENT D'EVENT D'UN COMPARTIMENT INFERIEUR**
[72] GINGRICH, PAUL W., US
[73] CENTRAL ELECTRIC COMPANY, US
[86] (2826844)
[87] (2826844)
[22] 2013-09-13
[30] US (13/676,828) 2012-11-14

[11] **2,826,879**
[13] C
[51] **Int.Cl. H01H 33/08 (2006.01)**
[25] EN
[54] **ARC-RESISTANT SWITCHGEAR ENCLOSURE WITH LATCH FOR VENT FLAP**
[54] **ENCEINTE D'APPAREILLAGE ELECTRIQUE RESISTANT A L'ARC AVEC VERROU POUR VOLET D'EVACUATION**
[72] GINGRICH, PAUL W., US
[73] CENTRAL ELECTRIC COMPANY, US
[86] (2826879)
[87] (2826879)
[22] 2013-09-13
[30] US (13/657,393) 2012-10-22

---

[11] **2,828,312**
[13] C
[51] **Int.Cl. H02P 23/03 (2006.01) H02P 25/03 (2016.01) F24F 11/04 (2006.01)**
[25] EN
[54] **VARIABLE SPEED FAN MOTOR**
[54] **MOTEUR DE VENTILATEUR A VITESSE VARIABLE**
[72] CHEN, YUNSHENG, CN
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2828312)
[87] (2828312)
[22] 2013-09-24
[30] CN (201220516592.9) 2012-10-10

---

[11] **2,828,894**
[13] C
[51] **Int.Cl. C22C 38/24 (2006.01) B21B 27/00 (2006.01) C21D 1/42 (2006.01) C21D 6/00 (2006.01)**
[25] EN
[54] **A FORGED ROLL MEETING THE REQUIREMENTS OF THE COLD ROLLING INDUSTRY AND A METHOD FOR PRODUCTION OF SUCH A ROLL**
[54] **ROULEAU FORGE SATISFAISANT LES EXIGENCES DE L'INDUSTRIE DU LAMINAGE A FROID ET PROCEDE DE PRODUCTION D'UN TEL ROULEAU**
[72] GASPARD, CLAUDE, BE
[72] VERGNE, CATHERINE, BE
[72] BATAZZI, DANIEL, BE
[73] AKERS AB, SE
[85] 2013-09-03
[86] 2011-03-04 (PCT/SE2011/050246)
[87] (WO2012/121630)

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[11] **2,829,699**
[13] C
[51] **Int.Cl. A47G 19/22 (2006.01) A61J 9/00 (2006.01) B65D 43/00 (2006.01)**
[25] EN
[54] **VARIABLE FLOW TRAINING CUP**
[54] **GOBELET INVERSABLE A DEBIT VARIABLE**
[72] TRUDEAU, RAYMOND J., US
[72] RICHARD, MAXIME R., US
[72] DE LEO, ANTHONY M., US
[73] DART INDUSTRIES INC., US
[86] (2829699)
[87] (2829699)
[22] 2013-10-10
[30] US (13/671,014) 2012-11-07

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[11] **2,830,542**
[13] C
[51] **Int.Cl. B01D 17/028 (2006.01) B01D 11/04 (2006.01) C22B 3/02 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **DISTRIBUTION ARRAY FOR USE IN A SETTLER AREA OF A MIXER-SETTLER**
[54] **RESEAU DE DISTRIBUTION DESTINE A ETRE UTILISE DANS UNE ZONE DE DECANTATION D'UN MELANGEUR-DECANTEUR**
[72] POULTER, SCOTT BRIAN, AU
[72] HAYWOOD, ROSS JEFFREY, AU
[72] TAYLOR, WESLEY ADAM, AU
[73] HATCH PTY LTD, AU
[85] 2013-09-18
[86] 2012-04-11 (PCT/AU2012/000362)
[87] (WO2012/142648)
[30] AU (2011901491) 2011-04-20

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[11] **2,830,546**
[13] C
[51] **Int.Cl. B01D 17/02 (2006.01) B01D 11/04 (2006.01) C22B 3/02 (2006.01)**
[25] EN
[54] **PHASE SPLITTER**
[54] **SEPARATEUR DE PHASE**
[72] HAYWOOD, ROSS JEFFREY, AU
[72] POULTER, SCOTT BRIAN, AU
[73] HATCH PTY LTD, AU
[85] 2013-09-18
[86] 2012-04-11 (PCT/AU2012/000364)
[87] (WO2012/142650)
[30] AU (2011901489) 2011-04-20

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[11] **2,830,844**
[13] C
[51] **Int.Cl. B02C 4/28 (2006.01)**
[25] EN
[54] **CRUSHING RING OF A CRUSHING ROLL**
[54] **ANNEAU DE BROYAGE D'UN ROULEAU DE BROYAGE**
[72] EMMERICH, JOCHEN, DE
[72] WOESTMANN, THOMAS, DE
[73] HAZEMAG & EPR GMBH, GB
[86] (2830844)
[87] (2830844)
[22] 2013-10-25
[30] EP (12 189 998.3) 2012-10-25

[11] **2,831,098**
[13] C
[51] **Int.Cl. B29C 71/00 (2006.01) B29C 44/18 (2006.01)**
[25] EN
[54] **METHOD OF REPAIRING, SPLICING, JOINING, MACHINING, AND STABILIZING HONEYCOMB CORE USING POURABLE STRUCTURAL FOAM AND A STRUCTURE INCORPORATING THE SAME**
[54] **METHODE DE REPARATION, DE RACCORDEMENT, DE JOINTAGE, D'USINAGE ET DE STABILISATION D'UNE ALVEOLE AU MOYEN D'UNE MOUSSE STRUCTUREE VERSABLE ET STRUCTURE INTEGRANT CELLE-CI**
[72] THIAGARAJAN, RAMESH, US
[72] CHRIS, ROBERT MARK, US
[72] MCCULLOUGH, JOHN R., US
[72] MISHRA, SUVANKAR, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2831098)
[87] (2831098)
[22] 2013-10-22
[30] US (13/663,978) 2012-10-30

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[11] **2,831,113**
[13] C
[51] **Int.Cl. H04N 17/00 (2006.01)**
[25] EN
[54] **IMPROVED OCR FOR AUTOMATED STB TESTING**
[54] **OCR AMELIOREE POUR TEST STB AUTOMATISE**
[72] FRIEL, LIAM, IE
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED, GB
[85] 2013-09-24
[86] 2011-12-22 (PCT/EP2011/073802)
[87] (WO2012/069662)
[30] GB (1020101.0) 2010-11-26

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[11] **2,832,008**
[13] C
[51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **THROUGH-COIL ARRANGEMENT, TEST APPARATUS WITH THROUGH-COIL ARRANGEMENT AND TESTING METHOD**
[54] **AGENCEMENT DE BOBINE DE PASSAGE, DISPOSITIF D'ESSAI COMPRENANT UN AGENCEMENT DE BOBINE DE PASSAGE ET METHODE D'ESSAI**
[72] BOCKER, MATTHIAS, DE
[72] HADITSCH, FRANZ, DE
[72] KOCH, STEFAN, DE
[73] INSTITUT DR. FOERSTER GMBH & CO. KG, DE
[85] 2013-10-01
[86] 2013-01-11 (PCT/EP2013/050470)
[87] (WO2013/124087)
[30] DE (10 2012 202 800.5) 2012-02-23
[30] EP (12195748.4) 2012-12-05

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[11] **2,833,550**
[13] C
[51] **Int.Cl. A01H 5/10 (2006.01) A01C 1/06 (2006.01)**
[25] EN
[54] **MANUFACTURED SEED HAVING PARABOLIC CAVITY**
[54] **SEMENCE ARTIFICIELLE AYANT UNE CAVITE PARABOLIQUE**
[72] HARTLE, JEFFREY, US
[72] CARLSON, WILLIAM C., US
[72] COOTSONA, CRAIG N., US
[72] NARTEA, MARGARET E., US
[73] WEYERHAEUSER NR COMPANY, US
[85] 2013-10-17
[86] 2012-06-25 (PCT/US2012/044030)
[87] (WO2013/003283)
[30] US (61/502,726) 2011-06-29

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[11] **2,834,234**
[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/42 (2006.01) E02F 3/43 (2006.01)**
[25] EN
[54] **CONTROLLING A DIGGING OPERATION OF AN INDUSTRIAL MACHINE**
[54] **COMMANDE D'OPERATION DE CREUSEMENT DE MACHINE INDUSTRIELLE**
[72] COLWELL, JOSEPH, US
[72] HREN, WILLIAM, US
[72] WENDT, DAVID, US
[72] LINSTROTH, MICHAEL, US
[73] HARNISCHFEGER TECHNOLOGIES, INC., US
[85] 2013-10-24
[86] 2011-08-31 (PCT/US2011/049946)
[87] (WO2012/148436)
[30] US (61/480,603) 2011-04-29

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[11] **2,834,235**
[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/42 (2006.01) E02F 3/43 (2006.01)**
[25] EN
[54] **CONTROLLING A DIGGING OPERATION OF AN INDUSTRIAL MACHINE**
[54] **COMMANDE D'OPERATION DE CREUSEMENT DE MACHINE INDUSTRIELLE**
[72] COLWELL, JOSEPH, US
[72] HREN, WILLIAM, US
[72] EMERSON, MARK, US
[72] LINSTROTH, MICHAEL, US
[73] HARNISCHFEGER TECHNOLOGIES, INC., US
[85] 2013-10-24
[86] 2011-08-31 (PCT/US2011/049975)
[87] (WO2012/148437)
[30] US (61/480,603) 2011-04-29

[11] **2,834,594**
[13] C
[51] **Int.Cl. C09B 29/00 (2006.01) C09B 69/00 (2006.01) C11D 3/42 (2006.01)**
[25] EN
[54] **THIOPHENE AZO CARBOXYLATE DYES AND LAUNDRY CARE COMPOSITIONS CONTAINING THE SAME**
[54] **COLORANTS THIOPHENEAZOCARBOXYLATES ET COMPOSITIONS D'ENTRETIEN DU LINGE LES CONTENANT**
[72] TORRES, EDUARDO, US
[72] BRUHNKE, JOHN D., US
[72] DEY, SANJEEV K., US
[72] MIRACLE, GREGORY S., US
[73] MILLIKEN & COMPANY, US
[85] 2013-10-28
[86] 2012-05-25 (PCT/US2012/039537)
[87] (WO2012/166584)
[30] US (61/492,935) 2011-06-03
[30] US (13/479,340) 2012-05-24

---

[11] **2,834,751**
[13] C
[51] **Int.Cl. B29C 70/34 (2006.01)**
[25] EN
[54] **AIRCRAFT STRUCTURE FOR HIGH CAPACITY PULL OFF**
[54] **STRUCTURE D'AVION POUR UN RAPPEL A GRANDE CAPACITE**
[72] KAMARAJ, MALMURUGAN, US
[72] MATHESON, DONALD PAUL, US
[73] THE BOEING COMPANY, US
[85] 2013-10-30
[86] 2012-04-19 (PCT/US2012/034257)
[87] (WO2012/158301)
[30] US (13/111,375) 2011-05-19

---

[11] **2,834,832**
[13] C
[51] **Int.Cl. A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/18 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **VEGF-D/VEGFR2/3-MEDIATED REGULATION OF DENDRITES**
[54] **REGULATION DE DENDRITES MEDIEE PAR VEGF-D/VEGFR2/3**
[72] BADING, HILMAR, DE
[72] MAUCERI, DANIELA, DE
[72] KLEIN, CHRISTIAN, DE
[73] UNIVERSITAT HEIDELBERG, DE
[85] 2013-10-31
[86] 2012-06-01 (PCT/EP2012/002333)
[87] (WO2012/163542)
[30] EP (11 004490.6) 2011-06-01
[30] US (13/150,846) 2011-06-01

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[11] **2,836,830**
[13] C
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 44/02 (2006.01)**
[25] EN
[54] **AUTODRILLER SYSTEM**
[54] **SYSTEME AUTO-FOREUR**
[72] HARELAND, GEIR, CA
[72] FAZAELIZADEH, MOHAMMAD, CA
[72] WU, ZEBING, CA
[73] ROCSOL TECHNOLOGIES INC., CA
[85] 2013-11-20
[86] 2012-06-29 (PCT/CA2012/050448)
[87] (WO2013/000094)
[30] US (61/502,770) 2011-06-29
[30] US (61/514,139) 2011-08-02

---

[11] **2,837,098**
[13] C
[51] **Int.Cl. A61F 2/24 (2006.01) A61L 27/48 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **DURABLE MULTI-LAYER HIGH STRENGTH POLYMER COMPOSITE SUITABLE FOR IMPLANT AND ARTICLES PRODUCED THEREFROM**
[54] **COMPOSITE POLYMERE DE HAUTE RESISTANCE, MULTICOUCHES, DURABLE, APPROPRIE POUR UN IMPLANT ET ARTICLES FABRIQUES A PARTIR DE CELUI-CI**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2013-11-21
[86] 2012-06-01 (PCT/US2012/040529)
[87] (WO2012/167131)
[30] US (61/492,324) 2011-06-01
[30] US (13/485,823) 2012-05-31

---

[11] **2,837,908**
[13] C
[51] **Int.Cl. H04H 60/72 (2009.01) H04H 60/35 (2009.01) H04N 21/278 (2011.01) H04N 21/482 (2011.01) H04N 21/643 (2011.01)**
[25] EN
[54] **VIRTUAL CHANNEL TABLE FOR A BROADCAST PROTOCOL AND METHOD OF BROADCASTING AND RECEIVING BROADCAST SIGNALS USING THE SAME**
[54] **TABLE DE CANAUX VIRTUELS POUR PROTOCOLE DE RADIODIFFUSION ET METHODE D'EMISSION ET DE RECEPTION DE SIGNAUX DE RADIODIFFUSION A L'AIDE DE CETTE TABLE**
[72] KIM, JIN PIL, KR
[73] LG ELECTRONICS INC., KR
[86] (2837908)
[87] (2837908)
[22] 2000-10-06
[62] 2,824,634
[30] KR (P1999-43508) 1999-10-08

[11] **2,838,253**
[13] C
[51] **Int.Cl. B65D 25/54 (2006.01) B23P 11/00 (2006.01) B65D 85/00 (2006.01)**
[25] EN
[54] **PROTECTIVE CASE FOR PHYSICALLY SECURING A PORTABLE ELECTRONIC DEVICE**
[54] **BOITIER PROTECTEUR POUR SECURISER PHYSIQUEMENT UN DISPOSITIF ELECTRONIQUE PORTABLE**
[72] STACEY, JONATHAN, CA
[72] CORPUZ, JONATHAN, US
[72] PERALTA, DOMINIC, US
[72] MYERS, STEPHEN, US
[73] ACCO BRANDS CORPORATION, US
[85] 2013-12-03
[86] 2012-05-24 (PCT/US2012/039418)
[87] (WO2012/173765)
[30] US (61/496,983) 2011-06-14
[30] US (13/450,817) 2012-04-19

---

[11] **2,838,898**
[13] C
[51] **Int.Cl. E01H 5/09 (2006.01)**
[25] EN
[54] **SNOW REMOVAL MACHINE**
[54] **MACHINE DE DENEIGEMENT**
[72] KAWAKAMI, TOSHIAKI, JP
[72] MIZOROKE, TSUTOMU, JP
[72] FUKANO, JUN, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2838898)
[87] (2838898)
[22] 2014-01-08
[30] JP (2013-009281) 2013-01-22

---

[11] **2,839,787**
[13] C
[51] **Int.Cl. A45C 7/00 (2006.01) A45C 3/00 (2006.01) A45C 5/00 (2006.01)**
[25] EN
[54] **FLEXIBLE SPORTS BAG**
[54] **SAC DE SPORT FLEXIBLE**
[72] COLLINS, GREGORY J., CA
[72] HUGHSON, MATTHEW G., CA
[72] DOBO, ERIN D., CA
[73] GRIT INC., CA
[86] (2839787)
[87] (2839787)
[22] 2014-01-21
[30] US (61/754,814) 2013-01-21

---

[11] **2,841,444**
[13] C
[51] **Int.Cl. B24C 5/04 (2006.01)**
[25] EN
[54] **HUMIDITY CONTROL FOR ABRASIVE BLASTING SYSTEMS**
[54] **REGULATION D'HUMIDITE POUR SYSTEMES DE PROJECTION ABRASIVE**
[72] BISHOP, STEPHEN, US
[72] AMERSON, JIMMY D., US
[72] MILLICAN, STEVEN, US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2014-01-09
[86] 2011-07-14 (PCT/US2011/044044)
[87] (WO2013/009320)

---

[11] **2,843,471**
[13] C
[51] **Int.Cl. A01K 39/012 (2006.01) A01K 5/02 (2006.01) A01K 39/00 (2006.01) G01G 15/00 (2006.01)**
[25] EN
[54] **POULTRY FEEDER WITH LEVEL SENSOR**
[54] **MANGEOIRE POUR VOLAILLES AVEC CAPTEUR DE NIVEAU**
[72] PICKENS, NATHAN, US
[73] THE GSI GROUP, LLC, US
[85] 2014-01-28
[86] 2012-08-08 (PCT/US2012/049921)
[87] (WO2013/022926)
[30] US (61/521,639) 2011-08-09

---

[11] **2,843,740**
[13] C
[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **BRANCHED STENT GRAFT DEVICE AND DEPLOYMENT**
[54] **DISPOSITIF DE GREFFE D'ENDOPROTHESE RAMIFIEE ET DEPLOIEMENT**
[72] DAKE, MICHAEL D., US
[72] LOVEKAMP, JOSHUA J., US
[72] NILSON, MICHAEL D., US
[72] SHAW, EDWARD E., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-01-30
[86] 2012-08-14 (PCT/US2012/050816)
[87] (WO2013/025727)
[30] US (61/524,256) 2011-08-16
[30] US (13/584,650) 2012-08-13

---

[11] **2,844,424**
[13] C
[51] **Int.Cl. C10L 1/02 (2006.01) C10L 10/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE SYNTHESIS OF 5-ALKOXYMETHYL FURFURAL ETHERS AND THEIR USE**
[54] **METHODE DE SYNTHESE D'ETHERS DE 5-ALCOXYMETHYLFURFURAL ET APPLICATIONS**
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[72] DAUTZENBERG, F., US
[73] FURANIX TECHNOLOGIES B.V., NL
[86] (2844424)
[87] (2844424)
[22] 2007-03-12
[62] 2,644,409
[30] EP (06075564.2) 2006-03-10

---

[11] **2,844,854**
[13] C
[51] **Int.Cl. A47L 11/29 (2006.01) A47L 5/28 (2006.01) A47L 9/00 (2006.01) A47L 11/30 (2006.01)**
[25] EN
[54] **VACUUM PATHWAY IN A CLEANING DEVICE**
[54] **CHEMIN D'ASPIRATION DANS UN DISPOSITIF DE NETTOYAGE**
[72] DURRANT, EDWARD E., US
[72] JENSEN, DALE S., US
[72] DONALDSON, CRAIG L., US
[72] ANDERSEN, ROGER C., US
[72] TAYLOR, MONTE G., US
[73] HARRIS RESEARCH, INC., US
[85] 2014-01-31
[86] 2012-09-17 (PCT/US2012/055798)
[87] (WO2013/040581)
[30] US (61/535,684) 2011-09-16

[11] **2,845,010**
[13] C
[51] **Int.Cl. A01N 31/02 (2006.01) A01N 25/16 (2006.01) A01N 25/30 (2006.01) A01P 1/00 (2006.01)**
[25] EN
[54] **A NON-AEROSOL FOAMING ALCOHOL HAND SANITIZER**
[54] **DESINFECTANT POUR LES MAINS A BASE D'ALCOOL, MOUSSANT ET NON AEROSOL**
[72] HEISIG, CHRISTOPHER C., US
[72] KAISER, NANCY-HOPE E., US
[73] S.C. JOHNSON & SON, INC., US
[85] 2014-02-11
[86] 2012-10-05 (PCT/US2012/058892)
[87] (WO2013/052759)
[30] US (61/544,802) 2011-10-07
[30] US (13/644,677) 2012-10-04

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[11] **2,847,081**
[13] C
[51] **Int.Cl. H04N 19/164 (2014.01) H04N 21/234 (2011.01) H04N 21/24 (2011.01) H04L 29/06 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING THE ENCODING OF A SEGMENTED MEDIA STREAM USING SEGMENT TRANSMIT TIMES**
[54] **SYSTEMES ET PROCEDES POUR COMMANDER LE CODAGE D'UN FLUX MULTIMEDIA SEGMENTE AU MOYEN DE TEMPS DE TRANSMISSION DE SEGMENT**
[72] GOMES, CONRAD SAVIO JUDE, IN
[72] M, GIREESH KUMAR, IN
[72] KRISHNADOSS, SENTHILKUMAR, IN
[73] SLING MEDIA PVT LTD., IN
[85] 2014-02-26
[86] 2012-08-29 (PCT/IN2012/000574)
[87] (WO2013/030852)
[30] IN (2974/CHE/2011) 2011-08-29

---

[11] **2,847,546**
[13] C
[51] **Int.Cl. C11D 17/04 (2006.01) C09K 15/00 (2006.01)**
[25] EN
[54] **SOLID AND LIQUID TEXTILE-TREATING COMPOSITIONS**
[54] **COMPOSITIONS SOLIDES ET LIQUIDES DE TRAITEMENT DE TEXTILE**
[72] VANBLARCOM, DAVID, US
[72] SHEVADE, MAKARAND S., US
[72] TARTAKOVSKY, ALLA, US
[72] SIDWA, EWA U., US
[73] THE SUN PRODUCTS CORPORATION, US
[85] 2014-03-03
[86] 2012-09-06 (PCT/US2012/053993)
[87] (WO2013/036662)
[30] US (61/531,540) 2011-09-06
[30] US (61/598,831) 2012-02-14

---

[11] **2,848,277**
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **HEAT-ASSISTED STEAM-BASED HYDROCARBON RECOVERY METHOD**
[54] **PROCEDE DE RECUPERATION D'HYDROCARBURE A LA VAPEUR CHAUFFEE**
[72] OJAGBOHUNMI, SAM, CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
[86] (2848277)
[87] (2848277)
[22] 2014-04-02

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[11] **2,848,848**
[13] C
[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/60 (2014.01) H03M 7/30 (2006.01) H04N 11/02 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR DATA COMPRESSION USING A NON-UNIFORM RECONSTRUCTION SPACE**
[54] **PROCEDES ET DISPOSITIFS DE COMPRESSION DE DONNEES UTILISANT UN ESPACE DE RECONSTRUCTION NON UNIFORME**
[72] YU, XIANG, CA
[72] WANG, JING, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-03-14
[86] 2012-10-01 (PCT/CA2012/050685)
[87] (WO2013/044393)
[30] EP (11183606.0) 2011-09-30

---

[11] **2,849,103**
[13] C
[51] **Int.Cl. A61L 2/07 (2006.01)**
[25] EN
[54] **STEAM STERILIZER FOR STERILIZING INSTRUMENTS AND DEVICES**
[54] **STERILISATEUR DE VAPEUR POUR STERILISER DES INSTRUMENTS ET DES DISPOSITIFS**
[72] BUCZYNSKI, PETER J., US
[73] AMERICAN STERILIZER COMPANY, US
[85] 2014-03-18
[86] 2012-09-21 (PCT/US2012/056472)
[87] (WO2013/052287)
[30] US (13/252,606) 2011-10-04

[11] **2,849,686**
[13] C
[51] **Int.Cl. G01N 1/44 (2006.01) G01N 27/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING LOSS OF DESULFURIZATION ORGANIC COMPONENTS AND REGENERATABLE FLUE GAS DESULFURIZATION PROCESS**
[54] **METHODE DE DETECTION DE PERTE DE COMPOSES ORGANIQUES DE DESULFURATION ET PRODECE DE DESULFURATION DE GAZ D'ECHAPPEMENT REGENERABLE**
[72] CHENG, YONG, CN
[72] LI, JIANMING, CN
[73] PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD., CN
[86] (2849686)
[87] (2849686)
[22] 2014-04-24
[30] CN (201310151286.9) 2013-04-27

[11] **2,850,689**
[13] C
[51] **Int.Cl. A61B 5/145 (2006.01) G01N 33/487 (2006.01)**
[25] EN
[54] **HAND-HELD ANALYTICAL DEVICE AND METHOD FOR ITS OPERATION**
[54] **APPAREIL D'ANALYSE PORTATIF ET SON PROCEDE D'UTILISATION**
[72] CHANG, TSO-YU, TW
[72] WANG, PENG-KUN, TW
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-04-01
[86] 2012-10-31 (PCT/EP2012/071589)
[87] (WO2013/064549)
[30] EP (11187840.1) 2011-11-04

[11] **2,852,194**
[13] C
[51] **Int.Cl. H04W 74/02 (2009.01) H04W 72/12 (2009.01) H04L 12/805 (2013.01) H04B 7/005 (2006.01)**
[25] EN
[54] **MITIGATING INTERFERENCE BETWEEN CO-LOCATED WIRELESS TECHNOLOGIES**
[54] **ATTENUATION D'UN BROUILLAGE ENTRE DES TECHNOLOGIES SANS FIL COLOCALISEES**
[72] SMADI, MOHAMMED, CA
[72] HAGELTORN, GORAN, CA
[72] BADAWY, GHADA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2852194)
[87] (2852194)
[22] 2014-05-27
[30] US (13/971,176) 2013-08-20

[11] **2,854,015**
[13] C
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE HAVING POSITIONAL CONTROL FEATURES**
[54] **CARTOUCHE DE TONER COMPORTANT DES ELEMENTS DE COMMANDE DE LA POSITION**
[72] ACOSTA, BENJER ALBARAN, PH
[72] LEEMHUIS, JAMES RICHARD, US
[72] ROGERS, MATTHEW LEE, US
[72] SCHARF, BRYAN CHRISTOPHER, US
[72] CARTER, JAMES ANTHANY, US
[72] HACKNEY, GARY NEAL, US
[72] LACTUAN, KATRINA ROSIT, PH
[72] SEAMAN, KEITH, US
[72] VOWELS, CHRISTOPHER GENE, US
[72] HALE, JASON, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2014-04-29
[86] 2012-11-15 (PCT/US2012/065148)
[87] (WO2013/101349)
[30] US (13/340,911) 2011-12-30

[11] **2,854,802**
[13] C
[51] **Int.Cl. H04Q 9/00 (2006.01) H04B 7/24 (2006.01)**
[25] EN
[54] **RECONFIGURING REMOTE CONTROLS FOR DIFFERENT DEVICES IN A NETWORK**
[54] **RECONFIGURATION DE TELECOMMANDES POUR DIFFERENTS DISPOSITIFS DANS UN RESEAU**
[72] MARTCH, HENRY GREGG, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
[85] 2014-05-06
[86] 2012-11-02 (PCT/US2012/063268)
[87] (WO2013/070515)
[30] US (13/292,028) 2011-11-08

[11] **2,855,056**
[13] C
[51] **Int.Cl. C07K 16/22 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **A METHOD OF TREATING CANCER COMPRISING A VEGF-B ANTAGONIST**
[54] **PROCEDE DE TRAITEMENT DU CANCER COMPRENANT UN ANTAGONISTE DE VEGF-B**
[72] NASH, ANDREW, AU
[72] BACA, MANUEL, AU
[72] FABRI, LOUIS JERRY, AU
[72] SCOTNEY, PIERRE DAVID, AU
[72] DUNLOP, FELICITY MEREDITH, AU
[73] ZENYTH OPERATIONS PTY LTD, AU
[86] (2855056)
[87] (2855056)
[22] 2005-08-02
[62] 2,575,901
[30] US (60/598,159) 2004-08-02
[30] US (60/634,444) 2004-12-09

[11] **2,855,314**
[13] C
[51] **Int.Cl. B24B 21/00 (2006.01)**
[25] EN
[54] **AN ABRASIVE BELT POLISHING FINISHER**
[54] **APPAREIL DE FINITION ET DE POLISSAGE A COURROIE ABRASIVE**
[72] CHEN, QIYUE, CN
[73] WUHU HUIYING AUTOMATIC EQUIPMENT CO., LTD., CN
[86] (2855314)
[87] (2855314)
[22] 2014-06-27
[30] CN (CN201310277803.7) 2013-07-02
[30] CN (CN201410153969.2) 2014-04-17

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[11] **2,855,950**
[13] C
[51] **Int.Cl. C07D 473/00 (2006.01) A61K 31/52 (2006.01) A61P 35/00 (2006.01) C07D 401/04 (2006.01)**
[25] EN
[54] **KINASE MODULATING COMPOUNDS, COMPOSITIONS CONTAINING THE SAME AND USE THEREOF**
[54] **COMPOSES MODULANT UNE KINASE, COMPOSITIONS LES CONTENANT ET UTILISATION DE CEUX-CI**
[72] XIAO, DENGMING, CN
[72] LI, JIJUN, CN
[72] ZHU, YAN, CN
[72] HU, YUANDONG, CN
[72] WANG, HUTING, CN
[72] WANG, ZHE, CN
[72] WANG, ZANPING, CN
[72] WEI, YONGHENG, CN
[72] SUN, YINGHUI, CN
[72] WU, QIONG, CN
[72] ZHANG, HUI, CN
[72] PENG, YONG, CN
[72] KONG, FANSHENG, CN
[72] SUN, YING, CN
[72] LUO, HONG, CN
[72] HAN, YONGXIN, CN
[73] CENTAURUS BIOPHARMA CO., LTD., CN
[73] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD, CN
[85] 2014-05-13
[86] 2012-11-14 (PCT/CN2012/084595)
[87] (WO2013/071865)
[30] US (61/559,451) 2011-11-14

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[11] **2,856,290**
[13] C
[51] **Int.Cl. B01F 1/00 (2006.01) A01N 25/02 (2006.01) A01N 59/20 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) B27K 3/52 (2006.01)**
[25] EN
[54] **METHODS FOR PRODUCING COPPER ETHANOLAMINE SOLUTIONS**
[54] **PROCEDES PERMETTANT DE PRODUIRE DES SOLUTIONS D'ETHANOLAMINE DE CUIVRE**
[72] PASEK, EUGENE A., US
[72] PATEL, JAYESH P., US
[72] THOMASON, SUSAN M., US
[72] LUMMUS, ERIC W., US
[72] COGAN, KENNETH E., US
[73] ARCH CHEMICALS, INC., US
[86] (2856290)
[87] (2856290)
[22] 2004-11-19
[62] 2,565,169
[30] US (60/524,112) 2003-11-19
[30] US (10/917,598) 2004-08-13

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[11] **2,856,916**
[13] C
[51] **Int.Cl. H04W 76/02 (2009.01) H04W 24/00 (2009.01) H04W 28/12 (2009.01) H04L 1/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECOGNIZING RADIO LINK FAILURES ASSOCIATED WITH HSUPA AND HSDPA CHANNELS**
[54] **TECHNIQUE ET DISPOSITIF DE RECONNAISSANCE DES DEFAUTS DE LIAISON RADIO ASSOCIES AUX VOIES HSUPA ET HSDPA**
[72] TERRY, STEPHEN E., US
[73] INTEL CORPORATION, US
[86] (2856916)
[87] (2856916)
[22] 2006-02-06
[62] 2,597,303
[30] US (60/651,594) 2005-02-09
[30] US (11/322,704) 2005-12-30

---

[11] **2,857,897**
[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **BUSINESS RULES BATCH PROCESSOR**
[54] **PROCESSEUR DE LOTS A REGLES OPERATIONNELLES**
[72] KELLY, JAMES L., JR., US
[72] GRAMMAS, CONSTANTINE, US
[73] FMR LLC, US
[86] (2857897)
[87] (2857897)
[22] 2014-07-28
[30] US (14/027,752) 2013-09-16

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[11] **2,858,339**
[13] C
[51] **Int.Cl. B43K 29/02 (2006.01) B43K 23/08 (2006.01) B43K 7/00 (2006.01)**
[25] EN
[54] **WRITING INSTRUMENT WITH ERASING MEMBER**
[54] **INSTRUMENT D'ECRITURE AVEC ELEMENT D'EFFACEMENT**
[72] OHTSUKA, HIROSHI, JP
[73] MITSUBISHI PENCIL COMPANY, LIMITED, JP
[85] 2014-06-05
[86] 2012-12-04 (PCT/JP2012/081392)
[87] (WO2013/084894)
[30] JP (2011-270080) 2011-12-09
[30] JP (2012-123324) 2012-05-30

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[11] **2,858,484**
[13] C
[51] **Int.Cl. A01C 7/04 (2006.01) A01C 7/08 (2006.01)**
[25] EN
[54] **SEEDING MACHINE AND SEEDING METHOD**
[54] **MACHINE D'ENSEMENCEMENT ET PROCEDE D'ENSEMENCEMENT**
[72] ARNOLD, ADRIAN CHRISTOPHER, GB
[72] VRBKA, LUBOS, DE
[72] CHAPPLE, CHARLES ANDREW, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[85] 2014-06-06
[86] 2013-03-12 (PCT/EP2013/054997)
[87] (WO2013/139643)
[30] EP (12160851.7) 2012-03-22
[30] DE (20 2012 101 029.1) 2012-03-22

[11] **2,858,896**
[13] C
[51] **Int.Cl. G01B 7/004 (2006.01) A61B 34/20 (2016.01) A61B 5/06 (2006.01)**
[25] EN
[54] **RESOLUTION OF MAGNETIC DIPOLE AMBIGUITY IN POSITION TRACKING MEASUREMENTS**
[54] **RESOLUTION DE L'AMBIGUITE D'UN DIPOLE MAGNETIQUE LORS DE MESURES DE SUIVI DE POSITION**
[72] LUDWIN, DORON, IL
[72] SHALGI, AVI, IL
[72] GOVARI, ASSAF, IL
[72] KEIDAR, YARON, IL
[72] REZNICK, DUDI, IL
[72] BAR-TAL, MEIR, IL
[73] BIOSENSE WEBSTER, INC., US
[86] (2858896)
[87] (2858896)
[22] 2007-02-23
[62] 2,579,542
[30] US (11/368,243) 2006-03-03

---

[11] **2,859,542**
[13] C
[51] **Int.Cl. C01B 33/193 (2006.01)**
[25] FR
[54] **PRECIPITATED-SILICA PRODUCTION METHOD**
[54] **PROCEDE DE PREPARATION DE SILICES PRECIPITEES**
[72] CLOUIN, MALIKA, FR
[72] NEVEU, SYLVAINE, FR
[72] RACINOUX, JOEL, FR
[73] RHODIA OPERATIONS, FR
[85] 2014-06-16
[86] 2012-12-19 (PCT/EP2012/076213)
[87] (WO2013/092749)
[30] FR (1104090) 2011-12-23

---

[11] **2,860,586**
[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS PROVIDING PAYMENT IN COOPERATION WITH EMV CARD READERS**
[54] **SYSTEMES, PROCEDES ET PRODUITS PROGRAMME D'ORDINATEUR FOURNISSANT UN PAIEMENT EN COOPERATION AVEC DES LECTEURS DE CARTE EMV**
[72] LUNN, JOHN, US
[72] PATEL, NARIK, US
[72] MOGHADAM, ALI MINAEI, US
[72] GOLDFARB, SIVANNE, US
[73] PAYPAL, INC., US
[85] 2014-07-03
[86] 2013-01-11 (PCT/US2013/021253)
[87] (WO2013/106723)
[30] US (61/586,314) 2012-01-13

---

[11] **2,860,605**
[13] C
[51] **Int.Cl. C22C 38/14 (2006.01) B21C 37/08 (2006.01) B23K 35/30 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01)**
[25] EN
[54] **ABRASION RESISTANT WELDED STEEL PIPE AND METHOD OF PRODUCING THE SAME**
[54] **TUYAU D'ACIER SOUDE RESISTANT A LA CORROSION ET METHODE DE PRODUCTION ASSOCIEE**
[72] TANIZAWA, AKIHIKO, JP
[72] OKATSU, MITSUHIRO, JP
[72] UEDA, KEIJI, JP
[72] NISHIMURA, KIMIHIRO, JP
[72] MITAO, SHINJI, JP
[73] JFE STEEL CORPORATION, JP
[85] 2014-07-04
[86] 2013-01-08 (PCT/JP2013/050063)
[87] (WO2013/105536)
[30] JP (2012-001769) 2012-01-10

---

[11] **2,860,844**
[13] C
[51] **Int.Cl. G01R 15/20 (2006.01) G01R 19/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR EMPLOYING LOW OHMIC ALLOY CONDUCTORS AND METHOD FOR SIMPLIFYING CURRENT DRAIN DATA RETRIEVAL**
[54] **APPAREIL POUR UTILISER DES CONDUCTEURS D'ALLIAGE OHMIQUE FAIBLE ET PROCEDE POUR SIMPLIFIER UNE RECUPERATION DE DONNEES DE COURANT ABSORBE**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2014-06-17
[86] 2012-12-13 (PCT/US2012/069502)
[87] (WO2013/106160)
[30] US (13/349,939) 2012-01-13

---

[11] **2,860,892**
[13] C
[51] **Int.Cl. B60T 7/22 (2006.01) B60R 21/013 (2006.01) B60W 40/10 (2012.01) G08G 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING AN EMERGENCY BRAKING SITUATION OF A VEHICLE**
[54] **PROCEDE POUR DETERMINER UNE SITUATION DE FREINAGE D'URGENCE D'UN VEHICULE**
[72] BREUER, KARSTEN, DE
[72] SANDKUHLER, DIRK, DE
[73] WABCO GMBH, DE
[85] 2014-07-10
[86] 2013-02-01 (PCT/EP2013/000305)
[87] (WO2013/064705)
[30] DE (10 2012 002 695.1) 2012-02-14

[11] **2,862,161**
[13] C
[51] **Int.Cl. E21B 34/12 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **ADJUSTABLE FLOW CONTROL DEVICE**
[54] **DISPOSITIF DE COMMANDE D'ECOULEMENT REGLABLE**
[72] GRECI, STEPHEN MICHAEL, US
[72] HOLDERMAN, LUKE WILLIAM, US
[72] LOPEZ, JEAN MARC, US
[72] FRANKLIN, MATTHEW EARL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-07-21
[86] 2013-02-14 (PCT/US2013/026032)
[87] (WO2013/130272)
[30] US (13/408,861) 2012-02-29

---

[11] **2,862,537**
[13] C
[51] **Int.Cl. H04B 7/0413 (2017.01)**
[25] EN
[54] **METHOD FOR TRANSMISSION OF AN E-DCH CONTROL CHANNEL IN MIMO OPERATIONS**
[54] **PROCEDE DE TRANSMISSION D'UN CANAL DE COMMANDE E-DCH DANS DES OPERATIONS MIMO**
[72] PELLETIER, BENOIT, CA
[72] PANI, DIANA, CA
[72] CAI, LUJING, US
[72] HAMME, DAMIAN C., US
[72] LEVY, JOSEPH S., US
[72] TU, CHAO-CHENG, CA
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
[85] 2014-07-23
[86] 2013-01-25 (PCT/US2013/023102)
[87] (WO2013/112805)
[30] US (61/591,840) 2012-01-27
[30] US (61/611,927) 2012-03-16
[30] US (61/641,796) 2012-05-02
[30] US (61/644,506) 2012-05-09

---

[11] **2,863,693**
[13] C
[51] **Int.Cl. F23D 14/14 (2006.01) F23D 14/46 (2006.01)**
[25] EN
[54] **GAS FIRED INFRARED BURNER WITH AUXILIARY FLAME ARRANGEMENT**
[54] **BRULEUR A GAZ A INFRAROUGE AVEC AGENCEMENT DE FLAMMES AUXILIAIRES**
[72] GULKANAT, BEKTAS C., US
[73] ILLINOIS TOOL WORKS INC., US
[86] (2863693)
[87] (2863693)
[22] 2014-09-17
[30] US (61/890,533) 2013-10-14
[30] US (14/475,624) 2014-09-03

---

[11] **2,864,082**
[13] C
[51] **Int.Cl. H01M 8/0276 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **MEMBRANE ELECTRODE ASSEMBLY FOR POLYMER ELECTROLYTE FUEL CELL**
[54] **ENSEMBLE ELECTRODE POUR PILE A COMBUSTIBLE A POLYMERE SOLIDE**
[72] HORIBE, NORIFUMI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-08-07
[86] 2013-03-12 (PCT/JP2013/056780)
[87] (WO2013/137240)
[30] JP (2012-056992) 2012-03-14

---

[11] **2,864,984**
[13] C
[51] **Int.Cl. G01N 33/24 (2006.01) C09K 8/00 (2006.01) E21B 43/26 (2006.01) G01N 33/28 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR SUBTERRANEAN BORE HOLE FRACTURE SIMULATION**
[54] **PROCEDES ET SYSTEMES POUR LA SIMULATION DE FRACTURES SOUTERRAINES DE TROU DE FORAGE**
[72] MURPHY, ROBERT J., US
[72] JAMISON, DALE E., US
[72] MILLER, MATTHEW L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-08-19
[86] 2013-02-15 (PCT/US2013/026419)
[87] (WO2013/126287)
[30] US (13/401,651) 2012-02-21

---

[11] **2,865,260**
[13] C
[51] **Int.Cl. B29C 33/20 (2006.01)**
[25] EN
[54] **TOOLING FOR MANUFACTURING A UNIT DOSE POUCH**
[54] **OUTILLAGE POUR FABRIQUER UNE POCHETTE DE DOSE UNITAIRE**
[72] EMERSON, REEM, A., US
[72] GRAHAM, TROY R., US
[72] NIXON, ANNE E., US
[72] SEARS, KATHERINE, US
[73] THE SUN PRODUCTS CORPORATION, US
[85] 2014-08-21
[86] 2013-02-22 (PCT/US2013/027410)
[87] (WO2013/126760)
[30] US (61/601,843) 2012-02-22

---

[11] **2,866,361**
[13] C
[51] **Int.Cl. B21B 25/00 (2006.01) B21B 19/04 (2006.01) C23C 4/12 (2016.01)**
[25] EN
[54] **PLUG USED IN PIERCING MACHINE**
[54] **MANDRIN UTILISE DANS UNE MACHINE A PERCER**
[72] HIDAKA, YASUYOSHI, JP
[72] HIGASHIDA, YASUTO, JP
[72] SHIMODA, KAZUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-09-04
[86] 2013-03-26 (PCT/JP2013/058866)
[87] (WO2013/161489)
[30] JP (2012-098919) 2012-04-24
[30] JP (2012-107275) 2012-05-09

[11] **2,866,548**
[13] C
[51] **Int.Cl. H04N 21/84 (2011.01) H04N 21/235 (2011.01) H04N 21/435 (2011.01)**
[25] EN
[54] **ANNOTATION FRAMEWORK FOR VIDEO**
[54] **STRUCTURE D'ANNOTATION POUR VIDEO**
[72] DATAR, MAYUR, US
[72] GARG, ASHUTOSH, US
[72] MITTAL, VIBHU, US
[73] GOOGLE INC., US
[86] (2866548)
[87] (2866548)
[22] 2007-12-19
[62] 2,672,757
[30] US (11/615771) 2006-12-22

[11] **2,867,815**
[13] C
[51] **Int.Cl. B23K 9/04 (2006.01) B23K 26/342 (2014.01) E21B 19/24 (2006.01) F16C 33/00 (2006.01)**
[25] EN
[54] **CU-NI-SN ALLOY OVERLAY FOR BEARING SURFACES ON OILFIELD EQUIPMENT**
[54] **REVETEMENT EN ALLIAGE CU-NI-SN POUR SURFACES PORTANTES SUR EQUIPEMENT DE CHAMP PETROLIFERE**
[72] BADRAK, ROBERT P., US
[72] HOWIE, WILLIAM R., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2867815)
[87] (2867815)
[22] 2014-10-15
[30] US (61/892,889) 2013-10-18

[11] **2,868,969**
[13] C
[51] **Int.Cl. H01M 8/0254 (2016.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **FUEL CELL WITH IMPROVED GAS FLOW DISTRIBUTION AND REDUCED TRANSFER RESISTANCE**
[54] **PILE A COMBUSTIBLE PRESENTANT UNE DISTRIBUTION D'ECOULEMENT DE GAZ AMELIOREE ET UNE RESISTANCE AU TRANSFERT REDUITE**
[72] IRITSUKI, KEITA, JP
[72] FUKUYAMA, YOSUKE, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2014-09-29
[86] 2013-04-01 (PCT/JP2013/059986)
[87] (WO2013/151019)
[30] JP (2012-087420) 2012-04-06

[11] **2,869,182**
[13] C
[51] **Int.Cl. B64D 13/00 (2006.01) F24F 5/00 (2006.01)**
[25] EN
[54] **AIR CYCLE MACHINE PACK SYSTEM AND METHOD FOR IMPROVING LOW INLET PRESSURE COOLING PERFORMANCE**
[54] **SYSTEME DE GROUPE DE MACHINE A CIRCULATION D'AIR ET PROCEDE POUR AMELIORER LA PERFORMANCE DU REFROIDISSEMENT A PRESSION DE FAIBLE ADMISSION**
[72] DURBIN, RICHARD R., US
[72] FITERMAN, CHARLES J., US
[72] SULLIVAN, DANIEL J., US
[73] THE BOEING COMPANY, US
[86] (2869182)
[87] (2869182)
[22] 2014-10-30
[30] US (14/105184) 2013-12-13

[11] **2,869,404**
[13] C
[51] **Int.Cl. H04L 9/30 (2006.01) H04L 9/14 (2006.01) H04L 9/18 (2006.01) H04L 9/32 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **PUBLIC KEY ENCRYPTION ALGORITHMS FOR HARD LOCK FILE ENCRYPTION**
[54] **ALGORITHMES DE CHIFFREMENT A CLE REVELEE POUR CHIFFREMENT DE FICHIER A VERROUILLAGE**
[72] LAMBERT, ROBERT JOHN, CA
[72] BROWN, DANIEL RICHARD, CA
[72] YAMADA, ATSUSHI, CA
[73] BLACKBERRY LIMITED, CA
[73] CERTICOM CORP., CA
[86] (2869404)
[87] (2869404)
[22] 2014-11-03
[30] US (14/073,379) 2013-11-06

[11] **2,869,798**
[13] C
[51] **Int.Cl. B29C 33/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/44 (2006.01) C22C 38/46 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING PLASTIC MOLDS MADE FROM MARTENSITIC CHROMIUM STEEL AND PLASTIC MOLD**
[54] **PROCEDE DE PRODUCTION DE MOULES A MATIERE PLASTIQUE FABRIQUES A PARTIR D'ACIER CHROME MARTENSITIQUE ET MOULE A MATIERE PLASTIQUE**
[72] PERKO, JOCHEN, AT
[72] ZINNER, SILVIA, AT
[72] ZUNKO, HORST, AT
[73] BOHLER EDELSTAHL GMBH & CO KG, AT
[86] (2869798)
[87] (2869798)
[22] 2014-11-05
[30] AT (A50774/2013) 2013-11-21

[11] 2,869,805
[13] C
[51] **Int.Cl. H02H 3/08 (2006.01) B64D 41/00 (2006.01) H01H 85/04 (2006.01)**
[25] EN
[54] **SOLID STATE POWER CONTROLLER FOR AN AIRCRAFT**
[54] **DISPOSITIF DE COMMANDE DE PUISSANCE A SEMI-CONDUCTEURS POUR UN AERONEF**
[72] MAYES, JULIAN PETER, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[86] (2869805)
[87] (2869805)
[22] 2014-11-06
[30] GB (1320500.0) 2013-11-20

[11] 2,870,113
[13] C
[51] **Int.Cl. C22C 38/48 (2006.01) C21D 8/10 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/44 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **SEAMLESS STEEL PIPE AND METHOD FOR PRODUCING THE SAME**
[54] **TUYAU EN ACIER SANS SOUDURE ET PROCEDE DE FABRICATION DE CE DERNIER**
[72] UEDA, YUKIMASA, JP
[72] ARAI, YUJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-10-09
[86] 2013-04-10 (PCT/JP2013/060828)
[87] (WO2013/161567)
[30] JP (2012-103838) 2012-04-27

[11] 2,870,794
[13] C
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **STEAM-ASSISTED HYDROCARBON RECOVERY WITH STEAM-CO2 SEPARATION**
[54] **RECUPERATION D'HYDROCARBURE ASSISTEE A LA VAPEUR ET SEPARATION DE VAPEUR ET CO2**
[72] PUGSLEY, TODD STEWART, CA
[72] CHAN, MARK, CA
[72] FONG, JAMES, CA
[73] SUNCOR ENERGY INC., CA
[86] (2870794)
[87] (2870794)
[22] 2014-11-13

[11] 2,870,878
[13] C
[51] **Int.Cl. E21B 17/043 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **MECHANICALLY ACTIVATED CONTINGENCY RELEASE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE LIBERATION D'ACCESSOIRES ACTIONNE MECANIQUEMENT**
[72] NOFFKE, RICHARD PAUL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-17
[86] 2012-05-02 (PCT/US2012/036127)
[87] (WO2013/165412)

[11] 2,871,064
[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR SCALABLE REPLAY COUNTERS**
[54] **PROCEDE ET DISPOSITIFS POUR COMPTEURS DE RELECTURE EVOLUTIFS**
[72] HUI, JONATHAN W., US
[72] AHUJA, ANJUM, US
[72] KONDAKA, KRISHNA, US
[72] HONG, WEI, US
[73] CISCO TECHNOLOGY, INC., US
[85] 2014-10-20
[86] 2013-04-22 (PCT/US2013/037555)
[87] (WO2013/159084)
[30] US (13/451,897) 2012-04-20

[11] 2,871,092
[13] C
[51] **Int.Cl. C25B 1/16 (2006.01) B01D 61/42 (2006.01) C01D 15/00 (2006.01) C01D 15/06 (2006.01) C22B 3/04 (2006.01) C25B 15/00 (2006.01)**
[25] EN
[54] **PROCESSES FOR PREPARING LITHIUM HYDROXIDE**
[54] **PROCEDES DE PREPARATION D'HYDROXYDE DE LITHIUM**
[72] BOURASSA, GUY, CA
[72] PEARSE, GARY, CA
[72] MACKIE, STEPHEN CHARLES, CA
[72] GLADKOVAS, MYKOLAS, CA
[72] SYMONS, PETER, US
[72] GENDERS, J. DAVID, US
[72] MAGNAN, JEAN-FRANCOIS, CA
[73] NEMASKA LITHIUM INC., CA
[85] 2014-10-21
[86] 2013-04-23 (PCT/CA2013/000398)
[87] (WO2013/159194)
[30] US (61/636,869) 2012-04-23
[30] US (61/755,151) 2013-01-22

[11] 2,871,646
[13] C
[51] **Int.Cl. B62B 9/28 (2006.01) A47D 1/10 (2006.01) A47D 13/02 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **INFANT CARRIER HOLDER**
[54] **SUPPORT POUR PORTE-BEBE**
[72] GIAMPAVOLO, PAUL, US
[72] JOHNSON, CHRISTOPHER M., US
[73] SAFE-STRAP COMPANY, INC., US
[85] 2014-10-24
[86] 2013-04-30 (PCT/US2013/038818)
[87] (WO2013/165986)
[30] US (13/385,608) 2012-05-01

[11] 2,871,896
[13] C
[51] **Int.Cl. B66B 9/00 (2006.01)**
[25] EN
[54] **STAIRWELL LIFT**
[54] **ASCENSEUR DE PUITS D'ESCALIER**
[72] LIN, CHEN-HSIN, TW
[73] LIN, CHEN-HSIN, TW
[86] (2871896)
[87] (2871896)
[22] 2014-11-24
[30] TW (102224075) 2013-12-20

[11] **2,873,205**
[13] C
[51] **Int.Cl. C06B 23/00 (2006.01) C06B 31/28 (2006.01) C06B 45/08 (2006.01)**
[25] EN
[54] **HEAVY ANFO AND A TAILORED EXPANDED POLYMERIC DENSITY CONTROL AGENT**
[54] **ANFO LOURD ET FLUIDE ENERGETIQUE DE DENSITE DU POLYMERE EXPANSE**
[72] WALDOCK, KEVIN H., AU
[73] LDE CORPORATION, US
[86] (2873205)
[87] (2873205)
[22] 2006-10-10
[62] 2,634,426
[30] US (11/163,211) 2005-10-10

[11] **2,873,434**
[13] C
[51] **Int.Cl. G01N 25/72 (2006.01)**
[25] EN
[54] **THERMOGRAPHIC INSPECTION TECHNIQUES**
[54] **TECHNIQUES D'ESSAI THERMOGRAPHIQUE**
[72] HENDERKOTT, JOSEPH PETER, US
[72] MA, KONG, US
[73] ROLLS-ROYCE CORPORATION, US
[86] (2873434)
[87] (2873434)
[22] 2014-12-05
[30] US (61/912,946) 2013-12-06

[11] **2,874,235**
[13] C
[51] **Int.Cl. G01R 31/36 (2006.01) G06F 1/32 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **LOW-POWER BATTERY PACK WITH SAFETY SYSTEM**
[54] **BLOC-BATTERIE A BASSE PUISSANCE COMPORTANT UN SYSTEME DE SECURITE**
[72] EAGLE, JONATHAN, US
[72] HARDY, JON, US
[73] HEARTWARE, INC., US
[85] 2014-11-17
[86] 2013-05-23 (PCT/US2013/042426)
[87] (WO2013/177396)
[30] US (61/651,376) 2012-05-24
[30] US (61/782,358) 2013-03-14

[11] **2,874,562**
[13] C
[51] **Int.Cl. F24F 5/00 (2006.01) F24F 11/00 (2006.01)**
[25] EN
[54] **DIRECT EVAPORATIVE AIR HANDLER**
[54] **APPAREIL DE TRAITEMENT D'AIR A EVAPORATION DIRECTE**
[72] FISHER, MARK THOMAS, US
[72] DUNNAVANT, BRYAN KEITH, US
[72] BOUCHER, MICHAEL S., US
[73] MUNTERS CORPORATION, US
[85] 2014-11-21
[86] 2013-06-04 (PCT/US2013/044100)
[87] (WO2013/184673)
[30] US (61/655,250) 2012-06-04

[11] **2,874,593**
[13] C
[51] **Int.Cl. B01F 17/00 (2006.01) C09K 8/584 (2006.01) E21B 21/14 (2006.01)**
[25] EN
[54] **SURFACTANT FORMULATIONS FOR FOAM FLOODING**
[54] **FORMULATIONS DE TENSIO-ACTIF POUR INJECTION DE MOUSSE**
[72] PENNY, GLENN S., US
[72] BIAN, YU, US
[72] PURSLEY, JOHN T., US
[73] FLOTEK CHEMISTRY, LLC, US
[85] 2014-11-24
[86] 2013-04-15 (PCT/US2013/036650)
[87] (WO2013/158567)
[30] US (61/624,337) 2012-04-15
[30] US (61/733,872) 2012-12-05

[11] **2,874,701**
[13] C
[51] **Int.Cl. H04W 52/02 (2009.01) H04W 74/04 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR THE INDICATION OF LONG DRX IN A WIRELESS NETWORK**
[54] **METHODE ET SYSTEME D'INDICATION DE LONGUE RECEPTION DISCONTINUE DANS UN RESEAU SANS FIL**
[72] CAI, ZHIJUN, US
[72] YOUNG, GORDON PETER, GB
[72] WOMACK, JAMES EARL, US
[72] SUZUKI, TAKASHI, JP
[73] BLACKBERRY LIMITED, CA
[86] (2874701)
[87] (2874701)
[22] 2009-03-20
[62] 2,719,132
[30] US (61/038,432) 2008-03-21

[11] **2,876,921**
[13] C
[51] **Int.Cl. B60W 10/26 (2006.01) B66F 9/24 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **BATTERY CHARGING SYSTEM FOR HYBRID CONSTRUCTION MACHINERY BY USING ROTATIONAL FORCE OF FAN AND CHARGING METHOD THEREFOR**
[54] **SYSTEME DE CHARGE DE BATTERIE POUR MACHINE DE CONCEPTION HYBRIDE UTILISANT LA FORCE DE ROTATION D'UN VENTILATEUR ET PROCEDE DE CHARGE UTILISE PAR LEDIT SYSTEME**
[72] OK, DONG-CHEOL, KR
[72] PARK, SEONG-CHEOL, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2014-12-16
[86] 2012-07-05 (PCT/KR2012/005339)
[87] (WO2014/007413)

[11] **2,877,249**
[13] C
[51] **Int.Cl. F24F 12/00 (2006.01) F24F 11/00 (2006.01) F24F 13/22 (2006.01) F24F 13/30 (2006.01)**
[25] EN
[54] **VARIABLE EFFECTIVENESS HEAT RECOVERY VENTILATOR**
[54] **VENTILATEUR DE RECUPERATION DE CHALEUR A EFFICACITE VARIABLE**
[72] HENNINGSEN, CHRISTOPHER, CA
[72] VANDOREMALEN, KYLE, CA
[72] RUSSELL, PETER, CA
[72] WERT, SARAH, CA
[73] HENNINGSEN, CHRISTOPHER, CA
[73] VANDOREMALEN, KYLE, CA
[73] RUSSELL, PETER, CA
[73] WERT, SARAH, CA
[86] (2877249)
[87] (2877249)
[22] 2015-01-08

[11] **2,877,524**
[13] C
[51] **Int.Cl. E21B 15/00 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **MAST AND GUY WIRE SYSTEMS FOR USE WITH LONG LATERAL COMPLETION SYSTEMS AND METHODS**
[54] **SYSTEMES MAT ET HAUBAN DESTINES A ETRE UTILISES AVEC DES SYSTEMES ET DES PROCEDES DE COMPLETION LATERALE LONGUE**
[72] FLUSCHE, MARK J., US
[73] SUPERIOR ENERGY SERVICES - NORTH AMERICAN SERVICES, INC., US
[85] 2014-12-19
[86] 2013-06-20 (PCT/US2013/000154)
[87] (WO2013/191731)
[30] US (13/507,350) 2012-06-21

[11] **2,877,528**
[13] C
[51] **Int.Cl. F24F 11/02 (2006.01)**
[25] EN
[54] **AIR CONDITIONING SYSTEM**
[54] **SYSTEME DE CONDITIONNEMENT D'AIR**
[72] MURAMATSU, HIROAKI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2877528)
[87] (2877528)
[22] 2015-01-13
[30] JP (2014-024528) 2014-02-12

[11] **2,877,929**
[13] C
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING COMMON MODE CHOKE ASSEMBLY AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE DE RESSOURCES D'HYDROCARBURE COMPORTANT UN ENSEMBLE D'ETRANGLEMENT EN MODE COMMUN ET PROCEDES CONNEXES**
[72] WRIGHT, BRIAN, US
[72] HEWIT, RAYMOND, US
[72] HANN, MURRAY, US
[72] HIBNER, VERLIN, US
[72] TRAUTMAN, MARK, US
[72] WHITE, JOHN EMORY, US
[73] HARRIS CORPORATION, US
[86] (2877929)
[87] (2877929)
[22] 2015-01-14
[30] US (14/167,039) 2014-01-29

[11] **2,877,984**
[13] C
[51] **Int.Cl. B65G 69/34 (2006.01)**
[25] EN
[54] **VEHICLE RESTRAINTS WITH UNDERSIDE CATCHES**
[54] **AMARRES DE VEHICULES AVEC PRISES DE FACE INFERIEURE**
[72] BROOKS, ANDREW, US
[72] WIEBERDINK, BEN, US
[72] NELSON, KYLE, US
[72] HAHN, NORBERT, US
[73] RITE-HITE HOLDING CORPORATION, US
[86] (2877984)
[87] (2877984)
[22] 2015-01-15
[30] US (14/167,721) 2014-01-29

[11] **2,879,130**
[13] C
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING A PARAMETER INDICATIVE OF THE PROGRESS OF AN EXTRACORPOREAL BLOOD TREATMENT**
[54] **APPAREIL ET PROCEDE POUR DETERMINER UN PARAMETRE INDICATIF DE LA PROGRESSION D'UN TRAITEMENT SANGUIN EXTRACORPOREL**
[72] BENE, BERNARD, FR
[73] GAMBRO LUNDIA AB, SE
[85] 2015-01-14
[86] 2013-06-14 (PCT/IB2013/054875)
[87] (WO2014/013358)
[30] EP (12005255.0) 2012-07-18
[30] US (61/672,898) 2012-07-18

[11] **2,879,513**
[13] C
[51] **Int.Cl. B65G 5/00 (2006.01) E21B 33/10 (2006.01) E21D 11/00 (2006.01) E21D 11/14 (2006.01) E21F 17/16 (2006.01) F16L 1/028 (2006.01)**
[25] EN
[54] **TUNNELED GAS STORAGE**
[54] **STOCKAGE DE GAZ EN TUNNEL**
[72] RAM, YOSSEF, IL
[73] TECTONA LTD., CH
[85] 2015-01-16
[86] 2013-07-17 (PCT/IL2013/050607)
[87] (WO2014/013490)
[30] US (61/672,355) 2012-07-17
[30] US (61/674,510) 2012-07-23

[11] **2,879,901**
[13] C
[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECEIVING A CONTROL CHANNEL**
[54] **PROCEDE ET APPAREIL DE RECEPTION D'UN CANAL DE COMMANDE**
[72] NORY, RAVIKIRAN, US
[72] KUCHIBHOTLA, RAVI, US
[72] LOVE, ROBERT T., US
[72] NANGIA, VIJAY, US
[72] NARASIMHA, MURALI, US
[72] NIMBALKER, AJIT, US
[73] MOTOROLA MOBILITY LLC, US
[85] 2015-01-22
[86] 2013-07-25 (PCT/US2013/051923)
[87] (WO2014/022179)
[30] US (13/566,381) 2012-08-03

[11] **2,880,189**
[13] C
[51] **Int.Cl. B01D 11/02 (2006.01) A61K 8/02 (2006.01) A61K 8/21 (2006.01) A61K 8/25 (2006.01) A61K 8/37 (2006.01) A61K 8/55 (2006.01) A61K 8/60 (2006.01) A61K 8/91 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR ORAL CARE MATERIAL TASTE AND/OR ODOR IMPROVEMENT**
[54] **PROCEDE D'AMELIORATION DU GOUT ET/OU DE L'ODEUR D'UNE SUBSTANCE POUR L'HYGIENE BUCCALE**
[72] HOKE, STEVEN HAMILTON, II, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] LEI, QINGXIN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-26
[86] 2013-02-01 (PCT/US2013/024357)
[87] (WO2014/021933)
[30] US (61/678,942) 2012-08-02

[11] **2,880,387**
[13] C
[51] **Int.Cl. A46B 11/00 (2006.01) A61C 17/22 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS, METHODS, DEVICES AND SYSTEMS**
[54] **COMPOSITIONS, PROCEDES, DISPOSITIFS ET SYSTEMES POUR SOINS BUCCAUX**
[72] ALDEN, WAYNE STEWART, IV, US
[72] TYNDALL, DAVID VIVIAN, US
[72] DODD, KENNETH TRAVIS, US
[72] ZSISKA, MARIANNE, US
[72] BROWN, WILLIAM RALPH, JR., US
[72] CHENVAINU, ALEXANDER TIMOTHY, US
[72] CHRISTMAN, THOMAS AURELE, US
[72] DUCHARME, JEREMY WAYNE, US
[72] FARRELL, MARK EDWARD, US
[72] SAGEL, PAUL ALBERT, US
[72] JAKUBOVIC, DAVID ANDREW, US
[73] THE GILLETTE COMPANY LLC, US
[86] (2880387)
[87] (2880387)
[22] 2006-12-01
[62] 2,632,148
[30] US (60/741,991) 2005-12-02

[11] **2,880,933**
[13] C
[51] **Int.Cl. B29C 45/28 (2006.01)**
[25] EN
[54] **HOT RUNNER NOZZLE FOR INJECTING THERMOPLASTIC MATERIAL INTO A MOULDING TOOL**
[54] **BUSE DE CANAL CHAUD DESTINEE A L'INJECTION DE THERMOPLASTIQUE DANS UN MOULE**
[72] MANZ, WILLI, CH
[73] SCHOTTLI AG, CH
[85] 2015-02-23
[86] 2013-09-03 (PCT/CH2013/000155)
[87] (WO2014/036663)
[30] CH (1574/12) 2012-09-04

[11] **2,881,993**
[13] C
[51] **Int.Cl. C07D 403/04 (2006.01)**
[25] EN
[54] **SUBSTITUTED 4-METHOXY-N3-(PYRIMIDIN-2-YL)BENZENE-1,3-DIAMINE COMPOUNDS, AND SALTS THEREOF**
[54] **COMPOSES DE 4-METHOXY-N3-(PYRIMIDINE-2-YL)BENZENE-1,3-DIAMINE SUBSTITUE ET SES SELS**
[72] BUTTERWORTH, SAM, GB
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] WARD, RICHARD ANDREW, GB
[72] KADAMBAR, VASANTHA KRISHNA, IN
[72] CHINTAKUNTLA, CHANDRASEKHARA REDDY, IN
[72] MURUGAN, ANDIAPPAN, IN
[72] REDFEARN, HEATHER MARIE, GB
[72] CHUAQUI, CLAUDIO EDMUNDO, US
[73] ASTRAZENECA AB, SE
[86] (2881993)
[87] (2881993)
[22] 2012-07-25
[62] 2,843,109
[30] US (61/512,061) 2011-07-27
[30] US (61/591,363) 2012-01-27

[11] **2,882,148**
[13] C
[51] **Int.Cl. C06B 31/30 (2006.01) C06B 21/00 (2006.01) C06B 23/00 (2006.01) C06B 31/28 (2006.01)**
[25] EN
[54] **EXPLOSIVE COMPOSITION COMPRISING HEAVY ANFO AND A PLANT DERIVED, INERT BULKING AND SENSITIZING ADDITIVE**
[54] **COMPOSITION EXPLOSIVE CONTENANT DU NITRATE-FUEL (ANFO) LOURD ET UN ADDITIF SENSIBILISATEUR ET GONFLANT INERTE DERIVE D'UNE PLANTE**
[72] WALDOCK, KEVIN H., AU
[73] LDE CORPORATION, US
[86] (2882148)
[87] (2882148)
[22] 2004-01-28
[62] 2,776,322
[30] US (10/248,550) 2003-01-28

[11] **2,882,531**
[13] C
[51] **Int.Cl. G06F 9/455 (2006.01) G06Q 30/04 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SCALING A VIRTUAL MACHINE INSTANCE**
[54] **MISE A L'ECHELLE D'UNE INSTANCE DE MACHINE VIRTUELLE**
[72] MARR, MICHAEL DAVID, US
[72] KOWALSKI, MARCIN P., US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2015-02-19
[86] 2013-08-23 (PCT/US2013/056524)
[87] (WO2014/032031)
[30] US (13/593,226) 2012-08-23

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[11] **2,882,674**
[13] C
[51] **Int.Cl. F41C 23/10 (2006.01) F41C 23/16 (2006.01)**
[25] EN
[54] **CURVED HANDGUN**
[54] **ARME DE POING COURBE**
[72] MCPHERSON, MATHEW A., US
[73] TAURUS INTERNATIONAL MANUFACTURING, INC., US
[85] 2014-10-15
[86] 2013-05-23 (PCT/US2013/042433)
[87] (WO2013/177401)
[30] US (61/651,505) 2012-05-24
[30] US (13/621,909) 2012-09-18

---

[11] **2,882,866**
[13] C
[51] **Int.Cl. C09K 3/22 (2006.01)**
[25] EN
[54] **DUST SUPPRESSION COMPOSITION AND METHOD OF CONTROLLING DUST**
[54] **COMPOSITION DE SUPPRESSION DE POUSSIERE ET METHODE DE CONTROLE DE LA POUSSIERE**
[72] FALKENBERG, DORIAN AMBER LORRAYNE, US
[72] FALKENBERG, CHAD EDWARD, US
[72] CORNWELL, ROGER, US
[73] SOILWORKS, LLC, US
[86] (2882866)
[87] (2882866)
[22] 2015-02-23
[30] US (14/250,230) 2014-04-10

---

[11] **2,883,241**
[13] C
[51] **Int.Cl. B64D 11/04 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **AIRCRAFT GALLEY PLUMBING SYSTEM AND POTABLE WATER FILTER AND DISTRIBUTION MOUNTING MANIFOLD THEREFORE**
[54] **SYSTEME DE PLOMBERIE D'OFFICE D'AERONEF ET COLLECTEUR DE MONTAGE DE FILTRE ET DE DISTRIBUTION D'EAU POTABLE POUR CELUI-CI**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
[85] 2015-02-25
[86] 2013-09-06 (PCT/US2013/058534)
[87] (WO2014/039837)
[30] US (61/697,693) 2012-09-06
[30] US (14/019,252) 2013-09-05

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[11] **2,883,351**
[13] C
[51] **Int.Cl. H04L 12/749 (2013.01) H04L 12/717 (2013.01) H04L 12/751 (2013.01)**
[25] EN
[54] **SELECTING NETWORK SERVICES BASED ON HOSTNAME**
[54] **SELECTION DE SERVICES DE RESEAU EN FONCTION DU NOM D'HOTE**
[72] CAPUTO, PETE JOSEPH, II, US
[73] LEVEL 3 COMMUNICATIONS, LLC, US
[86] (2883351)
[87] (2883351)
[22] 2015-02-27
[30] US (14/193,768) 2014-02-28

---

[11] **2,883,516**
[13] C
[51] **Int.Cl. G01N 1/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TAKING SLURRY SAMPLES FROM A CONTINUOUS GRAVITY PROCESS FLOW, AND USE OF APPARATUS**
[54] **PROCEDE ET APPAREIL DE PRELEVEMENT D'ECHANTILLONS DE BOUE A PARTIR D'UN FLUX DE TRAITEMENT PAR GRAVITE CONTINU, ET UTILISATION DE L'APPAREIL**
[72] KORPELA, TAPIO, FI
[72] VON ALFTHAN, CHRISTIAN, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2015-03-02
[86] 2013-09-16 (PCT/FI2013/050894)
[87] (WO2014/041252)
[30] FI (20125956) 2012-09-17

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[11] **2,884,350**
[13] C
[51] **Int.Cl. C04B 28/02 (2006.01) C04B 28/04 (2006.01) C04B 40/00 (2006.01)**
[25] EN
[54] **PROCESS TO PRODUCE A DURABLE CONCRETE AT HOT AMBIENT CONDITIONS**
[54] **PROCEDE DE PRODUCTION D'UN BETON DURABLE EN CONDITIONS DE TEMPERATURE AMBIANTE ELEVEE**
[72] FRANKE, WOLFRAM, NO
[73] YARA INTERNATIONAL ASA, NO
[85] 2015-03-09
[86] 2013-09-23 (PCT/EP2013/069700)
[87] (WO2014/048870)
[30] NO (20121087) 2012-09-25

[11] 2,884,543
[13] C
[51] Int.Cl. C30B 25/02 (2006.01) C30B 29/04 (2006.01)
[25] EN
[54] **SINGLE CRYSTAL CHEMICAL VAPOUR DEPOSITED SYNTHETIC DIAMOND MATERIALS HAVING UNIFORM COLOUR**
[54] **MATERIAUX EN DIAMANT SYNTHETIQUE MONOCRISTALLIN FORME PAR DEPOT CHIMIQUE EN PHASE VAPEUR AYANT UNE COULEUR UNIFORME**
[72] DHILLON, HARPREET KAUR, GB
[72] FRIEL, IAN, GB
[72] TWITCHEN, DANIEL JAMES, US
[72] GEOGHEGAN, SARAH LOUISE, GB
[72] GALLON, HELEN JENNIFER, GB
[72] PERKINS, NEIL, GB
[72] MARTINEAU, PHILIP MAURICE, GB
[73] ELEMENT SIX TECHNOLOGIES LIMITED, GB
[85] 2015-03-11
[86] 2013-09-13 (PCT/EP2013/069013)
[87] (WO2014/044607)
[30] GB (1216697.1) 2012-09-19
[30] US (61/702,982) 2012-09-19

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[11] 2,885,460
[13] C
[51] Int.Cl. B66F 9/22 (2006.01) B60W 10/06 (2006.01) B60W 10/30 (2006.01) F15B 1/02 (2006.01) F15B 21/08 (2006.01)
[25] EN
[54] **POWER CONTROL DEVICE FOR CARGO HANDLING VEHICLE**
[54] **DISPOSITIF DE CONTROLE D'ALIMENTATION POUR VEHICULE DE MANUTENTION DE FRET**
[72] KATO, NORIHIKO, JP
[72] KOIDE, YUKIKAZU, JP
[72] TANAKA, HIROYUKI, JP
[73] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[86] (2885460)
[87] (2885460)
[22] 2015-03-19
[30] JP (P2014-060085) 2014-03-24

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[11] 2,886,205
[13] C
[51] Int.Cl. G01F 1/58 (2006.01)
[25] EN
[54] **INTEGRALLY MOLDED MAGNETIC FLOWMETER**
[54] **DEBITMETRE MAGNETIQUE MOULE D'UN SEUL TENANT**
[72] ROGERS, STEVEN BRUCE, US
[72] SMITH, JOSEPH ALAN, US
[73] MICRO MOTION, INC., US
[85] 2015-03-26
[86] 2013-09-10 (PCT/US2013/058911)
[87] (WO2014/051987)
[30] US (13/627,446) 2012-09-26

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[11] 2,886,357
[13] C
[51] Int.Cl. E21B 4/10 (2006.01) E21B 6/00 (2006.01)
[25] EN
[54] **TORQUE TRANSFER MECHANISM FOR DOWNHOLE DRILLING TOOLS**
[54] **MECANISME DE TRANSFERT DE COUPLE POUR OUTILS DE FORAGE DE FOND DE TROU**
[72] AGARWAL, PUNEET, IN
[72] GAIKWAD, RAHUL R., IN
[72] GAJJI, BHARGAV, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-26
[86] 2012-10-25 (PCT/US2012/061789)
[87] (WO2014/065797)

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[11] 2,887,017
[13] C
[51] Int.Cl. B01J 31/04 (2006.01) C07C 51/41 (2006.01) C07C 55/07 (2006.01)
[25] EN
[54] **METHOD FOR THE PRODUCTION OF NOBLE METAL OXALATE COMPLEXES**
[54] **PROCEDE DE FABRICATION DE COMPLEXES METAL NOBLE-OXALATE**
[72] WALTER, RICHARD, DE
[72] EWEINER, FLORIAN, DE
[72] LASSIG, WALTER, DE
[72] FUCHS ALAMEDA, JORG, DE
[73] HERAEUS PRECIOUS METALS GMBH & CO. KG, DE
[85] 2015-04-01
[86] 2013-09-24 (PCT/EP2013/069787)
[87] (WO2014/053351)
[30] DE (10 2012 019 560.5) 2012-10-05
[30] US (61/710,226) 2012-10-05

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[11] 2,887,100
[13] C
[51] Int.Cl. B07C 7/00 (2006.01)
[25] FR
[54] **METHOD AND DEVICE FOR ASSISTING IN THE SORTING OF OBJECTS IN A SORTING BOX**
[54] **PROCEDE ET DISPOSITIF D'AIDE POUR TRIER DES OBJETS DANS UN CASIER DE TRI**
[72] MIETTE, EMMANUEL, FR
[72] GUIGNARD, CELINE, FR
[72] VOLTA, BRUNO, FR
[73] SOLYSTIC, FR
[85] 2015-04-01
[86] 2013-09-25 (PCT/FR2013/052252)
[87] (WO2014/057185)
[30] FR (1259710) 2012-10-11

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[11] 2,887,220
[13] C
[51] Int.Cl. B64C 13/38 (2006.01) B64C 13/44 (2006.01)
[25] EN
[54] **APPARATUS AND METHOD FOR ARRESTMENT OF A FLIGHT CONTROL SURFACE**
[54] **APPAREIL ET METHODE D'ARRET D'UNE SURFACE DE COMMANDE DE VOL**
[72] UNGAR, LIOR, US
[72] ANDERSON, RANDALL E., US
[72] SKOBYAK, SERGEY N., US
[73] THE BOEING COMPANY, US
[86] (2887220)
[87] (2887220)
[22] 2015-04-01
[30] US (14/299,625) 2014-06-09

[11] **2,888,235**
[13] C
[51] **Int.Cl. G02B 6/38 (2006.01) G02B 6/02 (2006.01)**
[25] EN
[54] **PIN AND SOCKET TERMINUS ASSEMBLIES FOR TERMINATING OPTICAL CABLES**
[54] **ENSEMBLES TERMINAISONS DE FICHE ET DE DOUILLE POUR TERMINER DES CABLES OPTIQUES**
[72] FABIAN, DAVID JAMES, US
[72] LI, JUN, US
[72] MOSIER, JAMES PATRICK, US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2015-04-13
[86] 2013-10-30 (PCT/US2013/067365)
[87] (WO2014/070809)
[30] US (13/667,525) 2012-11-02

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[11] **2,888,685**
[13] C
[51] **Int.Cl. A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2006.01) C12N 15/54 (2006.01) C12N 15/82 (2006.01) C12N 9/10 (2006.01)**
[25] EN
[54] **GLYPHOSATE RESISTANT MAIZE LINES**
[54] **LIGNEES DE MAIS RESISTANTES AUX GLYPHOSATES**
[72] SPENCER, T. MICHAEL, US
[72] MUMM, RITA, US
[72] GWYN, J. JEFFERSON, US
[72] MCELROY, DAVID, US
[72] STEPHENS, MICHAEL A., US
[73] MONSANTO TECHNOLOGY, LLC, US
[86] (2888685)
[87] (2888685)
[22] 1998-04-03
[62] 2,285,618
[30] US (08/832,078) 1997-04-03
[30] US (08/899,247) 1997-07-23
[30] US (08/927,368) 1997-09-11

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[11] **2,891,787**
[13] C
[51] **Int.Cl. E04D 1/12 (2006.01)**
[25] EN
[54] **ROOFING SHINGLE SYSTEM AND SHINGLES FOR USE THEREIN**
[54] **SYSTEME DE BARDEAUX DE TOITURE ET BARDEAUX DUDIT SYSTEME**
[72] DUQUE, LUIS, US
[72] SHIAO, MING-LIANG, US
[72] RAIKAR, SUDHIR, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[86] (2891787)
[87] (2891787)
[22] 2015-05-20
[30] US (14/550,468) 2014-11-21

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[11] **2,891,792**
[13] C
[51] **Int.Cl. B64D 11/04 (2006.01)**
[25] EN
[54] **AIRCRAFT GALLEY CART DOOR INTERLOCK**
[54] **DISPOSITIF DE VERROUILLAGE DE PORTE DE CHARIOT POUR CUISINE D'AERONEF**
[72] HOTHI, HARKAMAL SINGH, GB
[73] B/E AEROSPACE, INC., US
[85] 2015-05-15
[86] 2013-11-15 (PCT/US2013/070382)
[87] (WO2014/078707)
[30] US (61/727,593) 2012-11-16
[30] US (14/080,442) 2013-11-14

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[11] **2,892,480**
[13] C
[51] **Int.Cl. G07D 9/00 (2006.01)**
[25] EN
[54] **SAFE UNLOCKING MACHINE**
[54] **APPAREIL DE DEVERROUILLAGE DE COFFRE-FORT**
[72] KIMOTO, KENJI, JP
[72] MATSUNO, TAKESHI, JP
[72] SUZUKI, YASUHIRO, JP
[73] LECIP HOLDINGS CORPORATION, JP
[85] 2015-05-25
[86] 2013-11-29 (PCT/JP2013/082181)
[87] (WO2014/087930)
[30] JP (2012-266528) 2012-12-05

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[11] **2,892,729**
[13] C
[51] **Int.Cl. C12M 3/06 (2006.01) C12N 5/078 (2010.01) A61K 31/6615 (2006.01) A61K 38/50 (2006.01) A61K 47/46 (2006.01) C12N 1/06 (2006.01) C12N 11/04 (2006.01)**
[25] EN
[54] **LYSIS/RESEALING PROCESS AND DEVICE FOR INCORPORATING AN ACTIVE INGREDIENT, IN PARTICULAR ASPARAGINASE OR INOSITOL HEXAPHOSPHATE, IN ERYTHROCYTES**
[54] **PROCEDE DE LYSE/RESCELLEMENT ET DISPOSITIF PERMETTANT D'INCORPORER UN INGREDIENT ACTIF, EN PARTICULIER DE L'ASPARAGINASE OU DE L'INOSITOL HEXAPHOSPHATE, DANS DES GLOBULES ROUGES**
[72] GODFRIN, YANN, FR
[73] ERYTECH PHARMA, FR
[86] (2892729)
[87] (2892729)
[22] 2005-08-04
[62] 2,575,617
[30] FR (04 08 667) 2004-08-05

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[11] **2,895,251**
[13] C
[51] **Int.Cl. G01T 3/06 (2006.01) G01T 1/20 (2006.01) G01V 5/04 (2006.01)**
[25] EN
[54] **GEOMETRICALLY OPTIMIZED FAST NEUTRON DETECTOR**
[54] **DETECTEUR DE NEUTRONS RAPIDES GEOMETRIQUEMENT OPTIMISE**
[72] ODOM, RICHARD C., US
[72] TILLER, DONALD E., US
[72] WILSON, ROBERT D., US
[73] PRECISION ENERGY SERVICES, INC., US
[86] (2895251)
[87] (2895251)
[22] 2002-03-07
[62] 2,722,199
[30] US (09/805,798) 2001-03-14

[11] **2,896,295**
[13] C
[51] **Int.Cl. H04N 5/232 (2006.01) H05K 7/02 (2006.01)**
[25] EN
[54] **RECEPTACLE FOR AN IMAGE CAPTURE COMPUTING DEVICE**
[54] **SOCLE DE FIXATION POUR UN DISPOSITIF INFORMATIQUE DE CAPTURE D'IMAGE**
[72] BASULTO, DAVID, US
[73] IOGRAPHER, LLC, US
[85] 2015-06-23
[86] 2013-11-20 (PCT/US2013/071107)
[87] (WO2014/130110)
[30] US (61/768,751) 2013-02-25
[30] US (13/895,349) 2013-05-15

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[11] **2,896,362**
[13] C
[51] **Int.Cl. E21D 11/08 (2006.01) E21D 11/18 (2006.01) E21D 11/38 (2006.01)**
[25] EN
[54] **PROTECTIVE ELEMENT, CONCRETE ELEMENT, AND METHOD FOR PRODUCING A CONCRETE ELEMENT**
[54] **ELEMENT PROTECTEUR, ELEMENT EN CIMENT ET METHODE DE PRODUCTION D'UN ELEMENT EN CIMENT**
[72] RECHER, GILLES, FR
[72] ALLAIN, SYLVAIN, FR
[72] RIECHERS, JORG, DE
[73] HERRENKNECHT AG, DE
[85] 2015-07-08
[86] 2015-02-18 (PCT/EP2015/000364)
[87] (WO2015/139807)
[30] EP (14001047.1) 2014-03-21

---

[11] **2,896,399**
[13] C
[51] **Int.Cl. B62D 33/023 (2006.01)**
[25] EN
[54] **STOWABLE TAILGATE HANDLE ASSEMBLY**
[54] **ENSEMBLE POIGNEE ESCAMOTABLE DE HAYON**
[72] WORDEN, SCOTT DAVID, CA
[72] HODZA, MUAMER, CA
[72] COSTA, ANTONIO, CA
[72] LEE, GEOFFREY, CA
[73] MULTIMATIC INC., CA
[85] 2015-06-25
[86] 2013-12-18 (PCT/CA2013/050984)
[87] (WO2014/100900)
[30] CA (2,800,070) 2012-12-28

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[11] **2,898,391**
[13] C
[51] **Int.Cl. A61F 2/44 (2006.01) A61B 17/17 (2006.01) A61B 17/70 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **INTERVERTEBRAL IMPLANT WITH IMPROVED SHAPE OF THE FIXING PLATE**
[54] **IMPLANT INTERVERTEBRAL AVEC PLAQUE DE FIXATION A FORME AMELIOREE**
[72] FIECHTER, MEINRAD, CH
[72] RIVA, MARCO, IT
[72] SICCARDI, FRANCESCO, CH
[73] MEDACTA INTERNATIONAL SA, CH
[85] 2015-07-15
[86] 2014-02-13 (PCT/IB2014/058961)
[87] (WO2014/125428)
[30] EP (13155247.3) 2013-02-14

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[11] **2,898,929**
[13] C
[51] **Int.Cl. B23K 31/02 (2006.01) B23K 37/00 (2006.01)**
[25] EN
[54] **METHOD FOR WELDING METAL COMPONENTS**
[54] **METHODE DE SOUDAGE DE COMPOSANTES METALLIQUES**
[72] LIU, SHOPO HSIN TSU, CN
[72] LIU, FIBRO TSU KUN, CN
[72] LIU, IKO, CN
[73] KEYSHEEN INDUSTRY (SHANGHAI) CO., LTD., CN
[86] (2898929)
[87] (2898929)
[22] 2015-07-29

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[11] **2,898,945**
[13] C
[51] **Int.Cl. G06Q 20/38 (2012.01) G06F 17/18 (2006.01)**
[25] EN
[54] **PREDICTIVE FRAUD SCREENING**
[54] **DEPISTAGE PREDICTIF DE FRAUDE**
[72] CANIS, LAURE, FR
[72] FLORIMOND, CEDRIC, FR
[72] ANDREVON, THIBAUD, FR
[73] AMADEUS S.A.S., FR
[86] (2898945)
[87] (2898945)
[22] 2015-07-30
[30] EP (14 290 230.3) 2014-08-06
[30] US (14/452,941) 2014-08-06

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[11] **2,899,257**
[13] C
[51] **Int.Cl. A01K 47/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATMENT OF PLANTS**
[54] **APPAREIL POUR LE TRAITEMENT DE PLANTES**
[72] COLLINSON, MICHAEL HOWARD D. HEARN, CA
[72] KEVAN, PETER G., CA
[72] MASON, TODD GORDON, CA
[72] SUTTON, JOHN CLIFFORD, CA
[73] BEE VECTORING TECHNOLOGY INC., CA
[85] 2015-07-24
[86] 2014-02-03 (PCT/CA2014/050066)
[87] (WO2014/117278)
[30] US (61/759,429) 2013-02-01

---

[11] **2,899,284**
[13] C
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/042 (2006.01)**
[25] EN
[54] **SHALE DRILL PIPE**
[54] **TIGE DE FORAGE DE SCHISTE**
[72] MAHMOOD, MAZHAR, US
[72] LAFUENTE, MARTA, US
[72] GRANGER, SCOTT, US
[73] VALLOUREC DRILLING PRODUCTS USA, INC., US
[85] 2015-07-24
[86] 2014-01-27 (PCT/IB2014/000073)
[87] (WO2014/115023)
[30] US (13/751,866) 2013-01-28

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[11] **2,900,984**
[13] C
[51] **Int.Cl. B60K 15/067 (2006.01)**
[25] EN
[54] **REAR FUEL TANK SUPPORTING STRUCTURE FOR SADDLE-RIDE TYPE VEHICLE**
[54] **STRUCTURE DE SUPPORT DE RESERVOIR DE CARBURANT ARRIERE POUR VEHICULE DE TYPE A SELLETTE**
[72] MIZUKURA, YUKI, JP
[72] SASAKI, TAKASHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2900984)
[87] (2900984)
[22] 2015-08-19
[30] JP (2014-201384) 2014-09-30

[11] **2,903,280**
[13] C
[51] **Int.Cl. A61B 18/02 (2006.01) A61B 5/01 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **VEIN OCCLUSION ASSESSMENT USING TEMPERATURE**
[54] **EVALUATION D'OCCLUSION DE VEINE A L'AIDE DE LA TEMPERATURE**
[72] WITTENBERGER, DAN, CA
[72] MAHROUCHE, RACHID, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2015-09-01
[86] 2014-03-06 (PCT/CA2014/000178)
[87] (WO2014/138861)
[30] US (13/799,714) 2013-03-13

[11] **2,904,498**
[13] C
[51] **Int.Cl. C02F 11/18 (2006.01) C02F 11/04 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **ENERGY EFFICIENT SYSTEM AND PROCESS FOR TREATING SLUDGE**
[54] **SYSTEME ET PROCEDE A BON RENDEMENT EN ENERGIE POUR TRAITER DES BOUES**
[72] HOJSGAARD, SOREN JOHANNES, DK
[72] ROHOLD, LARS, DK
[73] VEOLIA WATER SOLUTIONS AND TECHNOLOGIES SUPPORT, FR
[85] 2015-09-08
[86] 2014-03-10 (PCT/EP2014/054585)
[87] (WO2014/139951)
[30] US (13/791,919) 2013-03-09

[11] **2,907,811**
[13] C
[51] **Int.Cl. C09K 8/80 (2006.01) C08F 32/06 (2006.01) C08F 132/06 (2006.01)**
[25] EN
[54] **INCREASED THERMAL STRENGTH POLYMER PROPPANT AND METHOD FOR PRODUCING THE SAME**
[54] **AGENT DE SOUTENEMENT POSSEDANT UNE RESISTANCE THERMIQUE AMELIOREE ET PROCEDE DE SA PRODUCTION**
[72] AFANASIEV, VLADIMIR VLADIMIROVICH, RU
[72] ALKHIMOV, SERGEY ANATOLIEVICH, RU
[72] BESPALOVA, NATALIYA BORISOVNA, RU
[72] SHUTKO, EGOR VLADIMIROVICH, RU
[72] YUMASHEVA, TATYANA MODESTOVNA, RU
[72] KISELEV, IGOR ALEKSEEVICH, RU
[72] MASLOBOISCHIKOVA, OLGA VASILIEVNA, RU
[73] OTKRYTOE AKTSYONERNOE OBSCHESTVO "ROSNEFT OIL COMPANY", RU
[85] 2015-09-21
[86] 2014-05-13 (PCT/RU2014/000338)
[87] (WO2014/185822)
[30] RU (2013122088) 2013-05-15

[11] **2,908,468**
[13] C
[51] **Int.Cl. A21C 1/14 (2006.01) A21C 1/06 (2006.01) A21C 11/16 (2006.01) B01F 7/08 (2006.01) B01F 15/00 (2006.01) F16H 21/40 (2006.01) F16H 57/02 (2012.01)**
[25] EN
[54] **GEAR BOX WITH VARIABLY COUPLED OSCILLATION AND ROTATION FOR KNEADING MACHINE**
[54] **BOITE A ENGRENAGES A OSCILLATION ET ROTATION COUPLEES DE MANIERE VARIABLE POUR MACHINE A PETRIR**
[72] SAMBORN, SCOTT LEE, US
[72] MARSH, DOUGLAS J., US
[72] KRESS, JOHN E., US
[72] MARULANDA-PAZ, GONZALO, US
[73] B&P PROCESS EQUIPMENT AND SYSTEMS, LLC, US
[86] (2908468)
[87] (2908468)
[22] 2011-08-16
[62] 2,808,122
[30] US (12/857,001) 2010-08-16

[11] **2,908,524**
[13] C
[51] **Int.Cl. C07C 381/10 (2006.01) A61K 31/165 (2006.01) A61K 31/44 (2006.01) A61P 31/04 (2006.01) C07D 213/32 (2006.01) C07D 213/71 (2006.01)**
[25] EN
[54] **NOVEL PHENICOL ANTIBACTERIAL AGENTS**
[54] **NOUVEAUX AGENTS ANTIBACTERIENS A BASE DE PHENICOL**
[72] JOHNSON, TIMOTHY, US
[72] VAIRAGOUNDAR, RAJENDRAN, US
[72] EWIN, RICHARD ANDREW, US
[73] ZOETIS SERVICES LLC, US
[85] 2015-09-24
[86] 2014-04-16 (PCT/US2014/034336)
[87] (WO2014/172443)
[30] US (61/812,869) 2013-04-17

[11] **2,911,522**
[13] C
[51] **Int.Cl. G06T 7/50 (2017.01) G06F 17/30 (2006.01)**
[25] EN
[54] **ESTIMATING DEPTH FROM A SINGLE IMAGE**
[54] **ESTIMATION DE PROFONDEUR A PARTIR D'UNE IMAGE UNIQUE**
[72] BHARDWAJ, ANURAG, US
[72] BAIG, MOHAMMAD HARIS, US
[72] PIRAMUTHU, ROBINSON, US
[72] JAGADEESH, VIGNESH, US
[72] DI, WEI, US
[73] EBAY INC., US
[85] 2015-11-04
[86] 2014-09-04 (PCT/US2014/054148)
[87] (WO2015/035089)
[30] US (61/874,096) 2013-09-05
[30] US (14/288,233) 2014-05-27

[11] **2,914,418**
[13] C
[51] **Int.Cl. G10L 19/06 (2013.01) G10L 19/032 (2013.01) G10L 19/03 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR AUDIO SIGNAL ENVELOPE ENCODING, PROCESSING AND DECODING BY SPLITTING THE AUDIO SIGNAL ENVELOPE EMPLOYING DISTRIBUTION QUANTIZATION AND CODING**
[54] **APPAREIL ET PROCEDE D'ENCODAGE, DE TRAITEMENT ET DE DECODAGE D'ENVELOPPE DE SIGNAL AUDIO PAR DIVISION DE L'ENVELOPPE DE SIGNAL AUDIO AU MOYEN D'UNE QUANTIFICATION ET D'UN CODAGE DE DISTRIBUTION**
[72] BACKSTROM, TOM, DE
[72] SCHUBERT, BENJAMIN, DE
[72] MULTRUS, MARKUS, DE
[72] DISCH, SASCHA, DE
[72] SCHMIDT, KONSTANTIN, DE
[72] PIETRZYK, GRZEGORZ, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
[85] 2015-12-03
[86] 2014-06-10 (PCT/EP2014/062032)
[87] (WO2014/198724)
[30] EP (13171314.1) 2013-06-10
[30] EP (14167065.3) 2014-05-05

[11] **2,914,621**
[13] C
[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/00 (2006.01)**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] PARK, JOUNG SOO, KR
[72] KIM, KI MAN, KR
[72] KIM, DONG JUN, KR
[72] KIM, HYOUN SOO, KR
[72] BAEK, SEOK BONG, KR
[72] SUZUKI, NARUHIKO, KR
[72] LEE, DONG HYUN, KR
[72] LEE, JIN HO, KR
[72] LIM, JONG GOOK, KR
[72] JEON, KYONG HUI, KR
[72] CHOE, JUN HOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2015-12-04
[86] 2014-06-05 (PCT/KR2014/005010)
[87] (WO2014/200229)
[30] KR (10-2013-0066695) 2013-06-11

[11] **2,914,669**
[13] C
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/506 (2006.01)**
[25] EN
[54] **CRYSTALLINE IMATINIB MESYLATE PROCESS**
[54] **PROCEDE DE PREPARATION DE MESYLATE D'IMATINIB CRISTALLIN**
[72] PIPAL, BHAGAT RAJ, IN
[72] VEERESHAPPA, MR., IN
[72] SHARMA, MANISH, IN
[72] CHATURVEDI, AKSHAY KANT, IN
[73] SHILPA MEDICARE LIMITED, IN
[85] 2015-12-07
[86] 2014-04-04 (PCT/IB2014/060430)
[87] (WO2014/199244)
[30] IN (2548/CHE/2013) 2013-06-12

[11] **2,918,509**
[13] C
[51] **Int.Cl. E21B 17/02 (2006.01) E21E 4/06 (2006.01) E21B 17/046 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **ANTI-STALL MECHANISM**
[54] **MECANISME ANTI-CALAGE DU MOTEUR**
[72] KEDARE, ANAND BHAGWAT, IN
[72] SONAR, SANDIP SATISH, IN
[72] PUROHIT, ANKIT, IN
[72] KSHIRSAGAR, MUKESH BHASKAR, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-15
[86] 2013-08-23 (PCT/US2013/056499)
[87] (WO2015/026374)

[11] **2,921,227**
[13] C
[51] **Int.Cl. G01P 15/03 (2006.01) G01P 15/18 (2013.01)**
[25] EN
[54] **ALL-OPTICAL SYSTEM RESPONSIVE TO MOTION AND OPTICAL MODULE FOR USE IN THE SAME**
[54] **SYSTEME TOUT OPTIQUE SENSIBLE A UN MOUVEMENT ET MODULE OPTIQUE POUR UNE UTILISATION DANS CE DERNIER**
[72] PAQUET, ALEX, CA
[72] PARE, CLAUDE, CA
[72] SISTO, MARCO MICHELE, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[85] 2016-02-12
[86] 2013-09-25 (PCT/CA2013/050732)
[87] (WO2015/042686)

[11] **2,922,741**
[13] C
[51] **Int.Cl. B65C 9/18 (2006.01) B65H 19/12 (2006.01) B65H 19/18 (2006.01)**
[25] EN
[54] **APPARATUS FOR CHANGING PAPER ROLLERS OF A LABELLING MACHINE AND CORRESPONDING METHOD FOR CHANGING PAPER ROLLS**
[54] **APPAREIL SERVANT A CHANGER LE ROULEAU DE PAPIER D'UNE MACHINE A ETIQUETER ET METHODE CORRESPONDANTE DE CHANGEMENT DE ROULEAUX DE PAPIER**
[72] HYCA, BOHUMIL, DE
[73] ESPERA-WERKE GMBH, DE
[85] 2016-02-29
[86] 2014-10-17 (PCT/EP2014/072312)
[87] (WO2015/059048)
[30] DE (10 2013 017 574.7) 2013-10-24

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[11] **2,924,691**
[13] C
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 4/02 (2009.01) A63B 24/00 (2006.01) A63B 71/06 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **USER ACTIVITY TRACKING SYSTEM AND DEVICE**
[54] **SYSTEME DE SUIVI DES ACTIVITES D'UN UTILISATEUR ET DISPOSITIF**
[72] PENNANEN, JUHO, US
[72] KYROLA, AAPO, US
[72] PARTANEN, JUKKA, US
[73] FACEBOOK, INC., US
[86] (2924691)
[87] (2924691)
[22] 2014-06-18
[62] 2,916,858
[30] US (13/930,321) 2013-06-28
[30] US (13/930,347) 2013-06-28

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[11] **2,924,944**
[13] C
[51] **Int.Cl. A47C 1/124 (2006.01) A47C 1/032 (2006.01) A47C 3/04 (2006.01)**
[25] EN
[54] **INTEGRATED CHAIR BACK AND SEAT MOVEMENT**
[54] **MOUVEMENT DE DOSSIER ET DE SIEGE DE CHAISE INTEGRES**
[72] ROMERO, FRANCISCO, US
[73] OFFICE MASTER, US
[86] (2924944)
[87] (2924944)
[22] 2014-03-05
[62] 2,844,900
[30] US (13/911,442) 2013-06-06

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[11] **2,926,329**
[13] C
[51] **Int.Cl. B61F 5/22 (2006.01) B60G 99/00 (2010.01) B61F 5/10 (2006.01)**
[25] EN
[54] **ABNORMALITY DETECTION METHOD FOR VEHICLE BODY TILT CONTROL DEVICE**
[54] **METHODE DE DETECTION D'ANOMALIE POUR DISPOSITIF DE CONTROLE D'INCLINAISON DE CHASSIS DE VEHICULE**
[72] YAMAO, HITOSHI, JP
[72] SHINAGAWA, DAISUKE, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-04-04
[86] 2014-10-02 (PCT/JP2014/076467)
[87] (WO2015/050233)
[30] JP (2013-208786) 2013-10-04

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[11] **2,927,287**
[13] C
[51] **Int.Cl. E21B 43/40 (2006.01) E21B 43/24 (2006.01) F22G 3/00 (2006.01)**
[25] EN
[54] **BLOWDOWN RECYCLE METHOD AND SYSTEM FOR INCREASING RECYCLE AND WATER RECOVERY PERCENTAGES FOR STEAM GENERATION UNITS**
[54] **PROCEDE DE RECYCLAGE D'EAU DE PURGE ET SYSTEME POUR AUGMENTER DES POURCENTAGES DE RECYCLAGE ET DE RECUPERATION D'EAU POUR DES UNITES DE GENERATION DE VAPEUR**
[72] BERNAR, RODGER FRANCESCO, CA
[72] DOUGLAS, SHELDON WALLACE, CA
[73] HUSKY OIL OPERATIONS LIMITED, CA
[85] 2016-04-13
[86] 2014-10-17 (PCT/CA2014/000746)
[87] (WO2015/054773)
[30] US (61/892,810) 2013-10-18

---

[11] **2,927,389**
[13] C
[51] **Int.Cl. H01Q 1/44 (2006.01) H01Q 9/16 (2006.01) H03H 7/38 (2006.01) H04R 3/00 (2006.01)**
[25] EN
[54] **ANTENNA DESIGN FOR FM RADIO RECEIVERS**
[54] **CONCEPTION D'ANTENNE POUR DES RECEPTEURS RADIO FM**
[72] PEYLA, PAUL J., US
[72] KROEGER, BRIAN WILLIAM, US
[73] IBIQUITY DIGITAL CORPORATION, US
[86] (2927389)
[87] (2927389)
[22] 2008-09-25
[62] 2,700,676
[30] US (11/861,479) 2007-09-26

[11] **2,927,850**
[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **SYSTEM FOR SUCCESSIVELY UNCOVERING PORTS ALONG A WELLBORE TO PERMIT INJECTION OF A FLUID ALONG SAID WELLBORE**
[54] **MECANISME PERMETTANT DE DECOUVRIR SUCCESSIVEMENT DES ORIFICES LE LONG D'UN TROU DE FORAGE EN VUE DE L'INJECTION D'UN LIQUIDE LE LONG DUDIT TROU DE FORAGE**
[72] NORDHEIMER, DAVID, CA
[73] SC ASSET CORPORATION, CA
[86] (2927850)
[87] (2927850)
[22] 2016-04-25
[30] US (14/697,271) 2015-04-27
[30] CA (2,904,470) 2015-09-18

---

[11] **2,930,639**
[13] C
[51] **Int.Cl. A01K 61/13 (2017.01) A01K 61/00 (2017.01)**
[25] EN
[54] **METHOD FOR CONTROLLING WATER MOLDS IN AQUACULTURE WATER**
[54] **PROCEDE DE LUTTE CONTRE LA SAPROLEGNIA DANS DE L'EAU DE CULTURE**
[72] SUKEGAWA, SUSUMU, JP
[73] SUKEGAWA CHEMICALS CO., LTD., JP
[85] 2016-05-13
[86] 2015-04-06 (PCT/JP2015/001933)
[87] (WO2016/063432)
[30] JP (2014-214767) 2014-10-21

---

[11] **2,931,775**
[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 5/06 (2006.01) A01C 9/00 (2006.01)**
[25] EN
[54] **DATA ACQUISITION SYSTEM FOR A SEED PLANTER**
[54] **SYSTEME D'ACQUISITION DE DONNEES DESTINE A UNE SEMEUSE**
[72] MCCLOSKEY, ROBERT CRAIG, CA
[73] MCCLOSKEY, ROBERT CRAIG, CA
[86] (2931775)
[87] (2931775)
[22] 2016-06-02
[30] US (62/230,779) 2015-06-15

---

[11] **2,933,262**
[13] C
[51] **Int.Cl. C08L 95/00 (2006.01) C08J 3/20 (2006.01) C08K 3/26 (2006.01) C08K 3/36 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **MOISTURE CURE ASPHALTIC MATERIAL AND METHODS OF USE**
[54] **MATERIAU ASPHALTIQUE DURCI A L'HUMIDITE ET METHODES D'UTILISATION**
[72] TROXELL, ANDREW L., US
[72] KHAN, AMIR G., US
[72] HYER, SEAN, US
[73] GARDNER-GIBSON, INC., US
[86] (2933262)
[87] (2933262)
[22] 2016-06-16
[30] US (14/742,236) 2015-06-17

---

[11] **2,935,745**
[13] C
[51] **Int.Cl. A23J 3/14 (2006.01) A23L 5/00 (2016.01) A23L 19/00 (2016.01) A23J 1/14 (2006.01)**
[25] EN
[54] **CANOLA BASED TOFU PRODUCT AND METHOD**
[54] **PRODUIT DE TOFU A BASE DE CANOLA ET METHODE**
[72] ARNTFIELD, DOROTHY SUSAN, CA
[72] MURPHY, LEE ANNE, CA
[72] ROSS, WILLIAM FRANCIS, CA
[73] ARNTFIELD, DOROTHY SUSAN, CA
[73] MURPHY, LEE ANNE, CA
[73] ROSS, WILLIAM FRANCIS, CA
[85] 2016-07-08
[86] 2016-02-08 (PCT/CA2016/050145)
[87] (2935745)
[30] US (62/139,359) 2015-03-27

---

[11] **2,935,843**
[13] C
[51] **Int.Cl. E21B 19/02 (2006.01) E21B 19/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR RAISING AND LOWERING A DRILL FLOOR MOUNTABLE AUTOMATED PIPE RACKING SYSTEM**
[54] **SYSTEME ET PROCEDE D'ELEVATION ET D'ABAISSEMENT D'UN SYSTEME D'ACCROCHAGE DE TUYAUX AUTOMATISE POUVANT ETRE MONTE SUR UN PLANCHER DE FORAGE**
[72] ORGERON, KEITH J., US
[72] TREVITHICK, MARK W., US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-07-04
[86] 2014-03-14 (PCT/US2014/029629)
[87] (WO2014/144995)
[30] US (13/843,998) 2013-03-15

---

[11] **2,936,414**
[13] C
[51] **Int.Cl. B65B 9/15 (2006.01) B65B 67/12 (2006.01) B65F 1/06 (2006.01)**
[25] EN
[54] **CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL**
[54] **CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE**
[72] MORAND, MICHEL, CA
[73] ANGELCARE DEVELOPMENT INC., CA
[86] (2936414)
[87] (2936414)
[22] 2008-10-03
[62] 2,855,159
[30] EP (07019571.4) 2007-10-05

[11] **2,939,161**
[13] C
[51] **Int.Cl. G06K 9/00 (2006.01) G06F 17/30 (2006.01) G06K 9/62 (2006.01) G06T 11/60 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMAGE-FEATURE-BASED RECOGNITION**
[54] **SYSTEMES ET PROCEDES DE RECONNAISSANCE BASEE SUR DES CARACTERISTIQUES D'IMAGE**
[72] HOLZSCHNEIDER, PHILIPP, DE
[72] MAGERS, THORSTEN OTTO WOLFGANG, DE
[72] PRIEHN, HANNES, DE
[73] GEENEE GMBH, DE
[85] 2016-08-09
[86] 2015-02-10 (PCT/IB2015/000908)
[87] (WO2015/125025)
[30] US (61/937,859) 2014-02-10

---

[11] **2,939,933**
[13] C
[51] **Int.Cl. B65D 75/58 (2006.01) B65D 55/02 (2006.01)**
[25] EN
[54] **SCORED AND LABELED RESEALABLE PACKAGING**
[54] **EMBALLAGE RESCELLABLE INCISE ET ETIQUETE**
[72] DOCHERTY, RICHARD V., US
[73] DOCHERTY, RICHARD V., US
[85] 2016-08-16
[86] 2015-02-20 (PCT/US2015/016783)
[87] (WO2015/127181)
[30] US (14/185,834) 2014-02-20

---

[11] **2,942,353**
[13] C
[51] **Int.Cl. F16C 17/00 (2006.01) F16C 17/08 (2006.01) F16C 17/18 (2006.01) F16C 19/52 (2006.01) F16C 19/55 (2006.01) F16C 41/00 (2006.01) F16C 17/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LUBRICATING PLAIN BEARINGS**
[54] **SYSTEME ET PROCEDE DE LUBRIFICATION DE PALIERS LISSES**
[72] VANCE, ERIC A., US
[72] KIDDOO, MICHAEL ROY, US
[73] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-09-09
[86] 2015-02-26 (PCT/US2015/017794)
[87] (WO2015/138140)
[30] US (14/203,337) 2014-03-10

---

[11] **2,942,926**
[13] C
[51] **Int.Cl. B60Q 1/26 (2006.01) B60Q 1/52 (2006.01)**
[25] EN
[54] **ENHANCED COMMUNICATION SYSTEM FOR VEHICLE HAZARD LIGHTS**
[54] **SYSTEME DE COMMUNICATION AMELIORE POUR LUMIERES D'URGENCE DE VEHICULE**
[72] TUCKER, DAVID M., US
[72] TUCKER, DANIEL ANTHONY, US
[72] COBB, JOHN ZACHARIAH, US
[72] TORKELSON, JONATHAN, US
[72] DENVER, KIMBERLIN, US
[72] MAURYA, DEVENDER NATH, US
[73] TUCKER, DAVID M., US
[85] 2016-09-23
[86] 2016-01-27 (PCT/US2016/015125)
[87] (2942926)
[30] US (14/875,883) 2015-10-06
[30] US (14/933,881) 2015-11-05

---

[11] **2,947,104**
[13] C
[51] **Int.Cl. A61M 1/12 (2006.01) A61M 1/10 (2006.01)**
[25] EN
[54] **PUMP WHICH IS TO BE IMPLANTED INTO A VESSEL**
[54] **POMPE DESTINEE A ETRE IMPLANTEE DANS UN VAISSEAU**
[72] NEUMANN, TILL, DE
[73] UNIVERSITAT DUISBURG-ESSEN, DE
[85] 2016-10-26
[86] 2015-06-10 (PCT/EP2015/062919)
[87] (WO2015/189259)
[30] DE (10 2014 211 216.8) 2014-06-12

---

[11] **2,949,199**
[13] C
[51] **Int.Cl. A41B 9/04 (2006.01) A41B 9/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR PROVIDING TENSION IN GARMENTS AND METHOD OF USE**
[54] **APPAREIL DE FOURNITURE DE TENSION DANS DES VETEMENTS ET PROCEDE D'UTILISATION**
[72] SABIN, AMY STYCZYNSKI, US
[73] SABIN, AMY STYCZYNSKI, US
[85] 2016-11-15
[86] 2014-05-30 (PCT/US2014/040376)
[87] (WO2014/197332)
[30] US (61/832,008) 2013-06-06
[30] US (61/888,383) 2013-10-08

---

[11] **2,950,828**
[13] C
[51] **Int.Cl. H01C 7/12 (2006.01) H01T 4/16 (2006.01)**
[25] EN
[54] **SURGE ARRESTER MODULE AND SURGE ARRESTER**
[54] **MODULE DE LIMITEUR DE SURTENSION ET LIMITEUR DE SURTENSION**
[72] JOHANSSON, DANIEL, SE
[73] ABB SCHWEIZ AG, CH
[85] 2016-11-30
[86] 2015-03-26 (PCT/EP2015/056508)
[87] (WO2015/185237)
[30] EP (14171190.3) 2014-06-04

[11] **2,951,916**
[13] C
[51] **Int.Cl. F02C 7/36 (2006.01) F01D 5/06 (2006.01) F02C 3/107 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **GEARED TURBOFAN GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE MOTEUR A TURBINE A GAZ A TURBOSOUFFLANTE A ENGRENAGES**
[72] HOUSTON, DAVID P., US
[72] KUPRATIS, DANIEL BERNARD, US
[72] SCHWARZ, FREDERICK M., US
[73] UNITED TECHNOLOGIES CORPORATION, US
[86] (2951916)
[87] (2951916)
[22] 2013-01-30
[62] 2,857,357
[30] US (13/363,154) 2012-01-31
[30] US (13/629,681) 2012-09-28

Canadian Applications Open to Public Inspection

April 23, 2017 to April 29, 2017

Demandes canadiennes mises à la disponibilité du public

23 avril 2017 au 29 avril 2017

[21] **2,905,658**
[13] A1
[51] **Int.Cl. B42D 15/02 (2006.01) G10H 7/00 (2006.01)**
[25] FR
[54] **PLIAGE DE BILLET AUDIBLE**
[54] **AUDIBLE BILL FOLD**
[72] BISSON, JOCELYNE, CA
[71] BISSON, JOCELYNE, CA
[22] 2015-10-23
[41] 2017-04-23

[21] **2,907,246**
[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01)**
[25] EN
[54] **INTERNAL PIPE CUTTER**
[54] **COUPE-TUYAU INTERNE**
[72] LEAVINS, CORY, CA
[71] LEAVINS, CORY, CA
[22] 2015-10-28
[41] 2017-04-28

[21] **2,907,336**
[13] A1
[51] **Int.Cl. B60R 25/00 (2013.01)**
[25] EN
[54] **DRUNK BOX**
[54] **BOITE A BOISSON**
[72] BRETON, JERRY, CA
[71] BRETON, JERRY, CA
[22] 2015-10-28
[41] 2017-04-28

[21] **2,909,571**
[13] A1
[51] **Int.Cl. B66F 9/075 (2006.01) B66F 9/06 (2006.01) B66F 9/07 (2006.01)**
[25] EN
[54] **SYSTEM USING MAGNETIC COUPLING TO MOVE A CARRIAGE**
[54] **MECANISME EMPLOYANT UN RACCORD MAGNETIQUE POUR DEPLACER UN CHARIOT**
[72] DEMERS, MAXIME, CA
[72] LEBEL, ALEXANDRE, CA
[71] CHARLES LAPIERRE INC., CA
[22] 2015-10-23
[41] 2017-04-23

[21] **2,909,810**
[13] A1
[51] **Int.Cl. F04B 45/06 (2006.01)**
[25] FR
[54] **AREL PUMP WITH HOSE**
[54] **POMPE AREL A TUYAU**
[72] AREL, RICHARD, CA
[71] AREL, RICHARD, CA
[22] 2015-10-26
[41] 2017-04-26

[21] **2,909,812**
[13] A1
[51] **Int.Cl. B28B 23/08 (2006.01)**
[25] EN
[54] **POST-TENSIONING STRANDS IN LININGS OF CONCRETE TUNNELS, SHAFTS OR MANHOLES, PIPES (CONCRETE CYLINDER SHAPE STRUCTURES)**
[54] **TORONS POST MISE EN TENSION DESTINES AUX REVETEMENTS INTERIEURS DE TUNNELS EN BETON, CONDUITS OU TROUS D'HOMME, TUYAUX (STRUCTURES DE FORME CYLINDRIQUE EN BETON)**
[72] KHORSHIDI, BEHZAD, CA
[71] KHORSHIDI, BEHZAD, CA
[22] 2015-10-26
[41] 2017-04-26

[21] **2,909,813**
[13] A1
[51] **Int.Cl. G09G 5/02 (2006.01)**
[25] EN
[54] **HIGH PPI PATTERN ORIENTATION**
[54] **ORIENTATION DE MOTIF PPI DENSE**
[72] CHAJI, GHOLAMREZA, CA
[71] IGNIS INNOVATION INC, CA
[22] 2015-10-26
[41] 2017-04-26

[21] **2,910,300**
[13] A1
[51] **Int.Cl. B44C 1/165 (2006.01) A41D 13/015 (2006.01) A63B 71/12 (2006.01) A63B 71/14 (2006.01)**
[25] EN
[54] **A METHOD AND SYSTEM FOR COLOURIZING SPORTS PADS**
[54] **UNE METHODE ET UN SYSTEME PERMETTANT DE CHANGER LA COULEUR DES COUSSINS DE PROTECTION D'ACTIVITE SPORTIVE**
[72] WATSON, GRAHAM, CA
[71] BRIAN'S CUSTOM SPORTS LIMITED, CA
[22] 2015-10-23
[41] 2017-04-23

[21] **2,910,301**
[13] A1
[51] **Int.Cl. A01D 90/08 (2006.01)**
[25] EN
[54] **BALE LOADING TRAILER WITH AUTOMATIC BALE MOVEMENT**
[54] **REMORQUE DE CHARGEMENT DE BALLOT A MOUVEMENT AUTOMATIQUE DE BALLOT**
[72] NEUDORF, BLAKE, CA
[72] REGIER, JUSTIN, CA
[71] HIGHLINE MANUFACTURING LTD., CA
[22] 2015-10-27
[41] 2017-04-27

[21] **2,910,303**
[13] A1
[51] **Int.Cl. B62D 55/08 (2006.01)**
[25] EN
[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME DE CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] TRATTA, GIUSEPPE, IT
[72] CANOSSA, RICCARDO, IT
[71] CAMSO MANUFACTURING ITALY S.R.L., IT
[22] 2015-10-23
[41] 2017-04-23

---

[21] **2,910,425**
[13] A1
[51] **Int.Cl. B63C 1/02 (2006.01) E02B 3/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DOCK FLOAT**
[54] **APPAREIL ET METHODE DESTINES A UN FLOTTEUR DE QUAI**
[72] TAYLOR, GARTH WILLIAM, CA
[71] TECHSTAR PLASTICS INC., CA
[22] 2015-10-26
[41] 2017-04-26

---

[21] **2,910,457**
[13] A1
[51] **Int.Cl. F41A 17/00 (2006.01) F41A 17/04 (2006.01)**
[25] EN
[54] **SECURE FIREARM LOCK SYSTEM**
[54] **MECANISME DE VERROU DE SURETE POUR ARME A FEU**
[72] MCCANNA, JOHN W., CA
[71] MCCANNA, JOHN W., CA
[22] 2015-10-28
[41] 2017-04-28

---

[21] **2,910,470**
[13] A1
[51] **Int.Cl. B03D 3/06 (2006.01) B01D 21/01 (2006.01) B01D 21/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MANAGEMENT AND TREATMENT OF FLUID TAILINGS IN TAILINGS POND**
[54] **METHODE ET DISPOSITIF DE GESTION ET DE TRAITEMENT DE RESIDUS LIQUIDES DE BASSIN DE RESIDUS**
[72] LI, GUOHUI, CA
[71] GHL TECHNOLOGIES CONSULTING LTD., CA
[22] 2015-10-28
[41] 2017-04-28

---

[21] **2,910,472**
[13] A1
[51] **Int.Cl. B65D 47/20 (2006.01)**
[25] EN
[54] **MEASURING AND DISPENSING CONTAINER TOP**
[54] **DESSUS DE CONTENANT DOSEUR ET DISTRIBUTEUR**
[72] SHEPARD, DANIEL R., US
[71] SHEPARD, DANIEL R., US
[22] 2015-10-28
[41] 2017-04-28

---

[21] **2,910,475**
[13] A1
[51] **Int.Cl. B23D 45/16 (2006.01)**
[25] EN
[54] **CUTTING TOOL ASSEMBLY**
[54] **ASSEMBLAGE D'OUTIL DE COUPE**
[72] MATEI, ANDREI, CA
[71] MATEI, ANDREI, CA
[22] 2015-10-28
[41] 2017-04-28

---

[21] **2,910,517**
[13] A1
[51] **Int.Cl. A01M 1/24 (2006.01) A01M 1/00 (2006.01) A01M 1/10 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **IN-GROUND BARRIER FOR BLOCKING INSECTS AND RODENTS FOD ACCESS TO RUNWAYS**
[54] **OBSTACLE ENFONCE DANS LE SOL DESTINE A BLOQUER L'ACCES DE VOIES DE CIRCULATION AUX INSECTES ET AUX RONGEURS**
[72] SPECKEEN, KENNETH, GB
[71] FOD GUARD WILDLIFE MANAGEMENT CORP., GB
[22] 2015-10-29
[41] 2017-04-29

---

[21] **2,910,519**
[13] A1
[51] **Int.Cl. B60T 17/00 (2006.01) F16D 65/00 (2006.01)**
[25] EN
[54] **ROTOR PROTECTION SHIELD FOR HEAVY-DUTY VEHICLES**
[54] **ENVELOPPE PROTECTRICE DE ROTOR DESTINEE A DES POIDS LOURDS**
[72] WHITE, JAY D., US
[71] HENDRICKSON USA, L.L.C., US
[22] 2015-10-29
[41] 2017-04-27
[30] US (14/923,490) 2015-10-27

---

[21] **2,910,614**
[13] A1
[51] **Int.Cl. E04D 1/00 (2006.01)**
[25] EN
[54] **WOOD ROOFING SYSTEM**
[54] **SYSTEME DE TOITURE EN BOIS**
[72] OLARI, MEHRDAD, CA
[71] OLARI, MEHRDAD, CA
[22] 2015-10-28
[41] 2017-04-28

[21] **2,910,618**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/32 (2006.01) A61M 5/46 (2006.01)**
[25] EN
[54] **SYRINGE INJECTION AID**
[54] **DISPOSITIF D'ASSISTANCE D'INJECTION PAR SERINGUE**
[72] STILLMAN, RALPH, US
[71] STILLMAN, RALPH, US
[22] 2015-10-27
[41] 2017-04-27

[21] **2,910,694**
[13] A1
[51] **Int.Cl. F16B 41/00 (2006.01) F16B 37/14 (2006.01)**
[25] EN
[54] **NUT INDICATORS AND ASSEMBLIES THEREOF**
[54] **INDICATEURS D'ECROU ET DISPOSITIFS ASSOCIES**
[72] CAMPBELL, FARRELL, CA
[71] LISI AEROSPACE CANADA CORP., CA
[22] 2015-10-26
[41] 2017-04-26

[21] **2,910,725**
[13] A1
[51] **Int.Cl. F03B 13/26 (2006.01) E02B 9/08 (2006.01)**
[25] EN
[54] **TIDAL HYDRO ELECTRIC POWER SYSTEM**
[54] **SYSTEME DE PRODUCTION D'ENERGIE MAREMOTRICE**
[72] TAIT, DAVID LLOYD, CA
[71] CARBON SEQUESTRATION INDUSTRIES INC., CA
[22] 2015-10-28
[41] 2017-04-28

[21] **2,910,754**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 17/10 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR MODELLING OPERATIONAL RISK**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DE MODELISATION DE RISQUE OPERATIONNEL**
[72] HRISTOSKOV, JAMES, CA
[72] MAYOROV, KIRILL, CA
[71] ROYAL BANK OF CANADA, CA
[22] 2015-10-29
[41] 2017-04-29

[21] **2,910,777**
[13] A1
[51] **Int.Cl. B26D 7/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR DIVERTING SOLID FOOD PIECES SUSPENDED IN A FLOWING LIQUID**
[54] **APPAREIL SERVANT A DEVIER LES PIECES D'ALIMENTS SOLIDES SUSPENDUES DANS UN LIQUIDE EN CIRCULATION**
[72] YOUNG, COLTER J., US
[72] HEBBELN, CHRISTOPHER PAUL, US
[71] VANMARK EQUIPMENT, LLC, US
[22] 2015-10-29
[41] 2017-04-28
[30] US (14/925,215) 2015-10-28

[21] **2,910,786**
[13] A1
[51] **Int.Cl. A61L 9/01 (2006.01) A61L 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ION EXCHANGE ODOR, POLLUTION, AND FRAGRANCE CONTROL**
[54] **SYSTEMES ET METHODES D'ECHANGE IONIQUE DESTINES AU CONTROLE DES ODEURS, DE LA POLLUTION ET DES PARFUMS**
[72] CHASE, BENJAMIN R., US
[71] SIMPLESCENTS BRANDS LLC, US
[22] 2015-10-28
[41] 2017-04-28

[21] **2,910,994**
[13] A1
[51] **Int.Cl. C02F 9/04 (2006.01) C02F 1/00 (2006.01) C02F 5/00 (2006.01)**
[25] EN
[54] **INDUSTRIAL WATER LOOP TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT EN BOUCLE D'EAU INDUSTRIELLE**
[72] THORNER, IAN, CA
[71] THORNER, IAN, CA
[22] 2015-11-04
[41] 2017-04-28
[30] US (14925067) 2015-10-28

[21] **2,910,996**
[13] A1
[51] **Int.Cl. A63B 63/00 (2006.01)**
[25] EN
[54] **HOCKEY TARGET SYSTEM**
[54] **SYSTEME DE CIBLE DE HOCKEY**
[72] CYGAN, JASON F., CA
[72] CYGAN, RICHELLE L., CA
[71] CYGAN, JASON F., CA
[71] CYGAN, RICHELLE L., CA
[22] 2015-11-04
[41] 2017-04-27
[30] US (14924600) 2015-10-27

[21] **2,911,023**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 21/31 (2013.01) H04L 9/32 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **USER PROFILE DATABASE SYSTEM**
[54] **SYSTEME DE BASE DE DONNEES DE PROFIL UTILISATEUR**
[72] HALL, BYRON R., CA
[72] HOLMES, MICHAEL J., CA
[71] HALL, BYRON R., CA
[71] HOLMES, MICHAEL J., CA
[22] 2015-11-03
[41] 2017-04-28
[30] US (14/925,611) 2015-10-28

[21] **2,913,532**
[13] A1
[51] **Int.Cl. G06Q 10/00 (2012.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EFFICIENT BUSINESS NAME CATEGORIZATION**
[54] **APPAREIL ET METHODE DE CATEGORISATION EFFICACE DE NOM D'ENTREPRISE**
[72] HARDJASA, AMELIA, CA
[71] PULSE ENERGY, INC., CA
[22] 2015-11-26
[41] 2017-04-27
[30] US (14/923,581) 2015-10-27

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[21] **2,913,533**
[13] A1
[51] **Int.Cl. G05B 17/02 (2006.01) G06Q 10/04 (2012.01) G06N 3/02 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **INTERPOLATIVE VERTICAL CATEGORIZATION MECHANISM FOR ENERGY MANAGEMENT**
[54] **MECANISME DE CATEGORISATION VERTICALE PAR INTERPOLATION DESTINE A LA GESTION DE L'ENERGIE**
[72] HARDJASA, AMELIA, CA
[71] PULSE ENERGY, INC., CA
[22] 2015-11-26
[41] 2017-04-27
[30] US (14/923,757) 2015-10-27

---

[21] **2,916,733**
[13] A1
[51] **Int.Cl. B62D 63/08 (2006.01)**
[25] EN
[54] **LOADING DOCK LOCKING SYSTEM**
[54] **DISPOSITIF DE VERROUILLAGE DE QUAI DE CHARGEMENT**
[72] SOULE, JEFFREY, US
[71] SOULE, JEFFREY, US
[22] 2016-01-06
[41] 2017-04-23
[30] US (14921233) 2015-10-23

---

[21] **2,917,236**
[13] A1
[51] **Int.Cl. A61C 8/00 (2006.01)**
[25] EN
[54] **BONE FOUNDATION GUIDE SYSTEM AND METHOD**
[54] **MECANISME DE GUIDAGE DE BASE OSSEUSE ET METHODE**
[72] LLOP, DANIEL R., US
[71] LLOP, DANIEL R., US
[22] 2016-01-11
[41] 2017-04-23
[30] US (14/921,111) 2015-10-23

---

[21] **2,922,112**
[13] A1
[51] **Int.Cl. G06Q 40/04 (2012.01) G06Q 40/06 (2012.01)**
[25] EN
[54] **ELECTRONIC TRADING SYSTEM AND METHOD FOR MUTUAL FUNDS**
[54] **SYSTEME DE TRANSACTIONS ELECTRONIQUES ET METHODE DESTINEE AUX FONDS MUTUELS**
[72] NIEJADLIK, MICHAEL, CA
[71] TSX INC., CA
[22] 2016-02-29
[41] 2017-04-29
[30] US (62/248209) 2015-10-29

---

[21] **2,929,532**
[13] A1
[51] **Int.Cl. B60R 3/02 (2006.01)**
[25] EN
[54] **RETRACTABLE STAIR SYSTEM WITH PRECISION ELEVATION CONTROL**
[54] **MECANISME D'ESCALIER RETRACTABLE A COMMANDE D'ELEVATION DE PRECISION**
[72] KAY, JACK, US
[72] CRAWFORD, JOEL, US
[71] TORKLIFT INTERNATIONAL INC., US
[22] 2016-05-10
[41] 2017-04-26
[30] US (62/246,601) 2015-10-26
[30] US (15/149,138) 2016-05-08

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[21] **2,931,736**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) H04W 80/00 (2009.01) F24F 11/00 (2006.01) H02J 13/00 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **HEAT ENERGY MANAGEMENT SYSTEM**
[54] **DISPOSITIF DE GESTION DE L'ENERGIE THERMIQUE**
[72] BOICEY, TREVOR, CA
[71] BOICEY, TREVOR, CA
[22] 2016-05-31
[41] 2017-04-29
[30] US (62/247,859) 2015-10-29

---

[21] **2,933,060**
[13] A1
[51] **Int.Cl. A01C 23/00 (2006.01) F16K 31/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR ESTIMATING FLUID FLOW BASED ON VALVE CLOSURE TIME**
[54] **SYSTEME ET METHODES D'ESTIMATION D'ECOULEMENT DE FLUIDE FONDES SUR LE MOMENT DE FERMETURE D'UNE VANNE**
[72] NEEDHAM, DUANE, US
[71] CAPSTAN AG SYSTEMS, INC., US
[22] 2016-06-15
[41] 2017-04-29
[30] US (14/926,901) 2015-10-29

---

[21] **2,937,013**
[13] A1
[51] **Int.Cl. B21D 5/08 (2006.01) B21B 1/38 (2006.01) B21D 11/00 (2006.01) B64C 1/12 (2006.01)**
[25] EN
[54] **DEEP ROLLING FORMING**
[54] **FORMAGE DE LAMINAGE EN PROFONDEUR**
[72] ZHANG, HAO, US
[72] QUARBERG, RYAN PAUL, US
[71] THE BOEING COMPANY, US
[22] 2016-07-22
[41] 2017-04-28
[30] US (14/925,458) 2015-10-28

[21] **2,937,020**
[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21K 9/00 (2016.01) F21V 23/00 (2015.01) H05B 37/00 (2006.01)**
[25] EN
[54] **MODULAR LIGHT-EMITTING DIODE FIXTURES**
[54] **APPAREILS MODULAIRES D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE**
[72] RODRIGUEZ, YAN, US
[72] HARRIS, THOMAS EDWARD, US
[72] MARQUES, ANTONIO, US
[71] ABL IP HOLDING LLC, US
[22] 2016-07-22
[41] 2017-04-27
[30] US (62/246,937) 2015-10-27

---

[21] **2,937,298**
[13] A1
[51] **Int.Cl. F04D 29/68 (2006.01) F01D 9/02 (2006.01) F04D 29/44 (2006.01) F15D 1/06 (2006.01)**
[25] EN
[54] **DIFFUSER PIPE WITH VORTEX GENERATORS**
[54] **TUYAU DE DIFFUSEUR DOTE DE GENERATEURS DE TOURBILLON**
[72] DUONG, HIEN, CA
[72] KANDASAMY, VIJAY, IN
[72] KERAGODU, MADHUSUDHAN, IN
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-27
[41] 2017-04-27
[30] US (14/924,108) 2015-10-27

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[21] **2,937,303**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **DIFFUSER PIPE WITH SPLITTER VANE**
[54] **TUYAU DE DIFFUSEUR DOTE D'UNE AILETTE DEFLECTRICE**
[72] DUONG, HIEN, CA
[72] KANDASAMY, VIJAY, IN
[72] UPADRASTA, KOUNDINYA, IN
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-27
[41] 2017-04-27
[30] US (14/924,082) 2015-10-27

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[21] **2,937,322**
[13] A1
[51] **Int.Cl. F02K 1/44 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **CHEVRON SYSTEM FOR GAS TURBINE ENGINE**
[54] **DISPOSITF DE CHEVRON DESTINE A UNE TURBINE A GAZ**
[72] JOSHI, NINAD, CA
[72] MESLIOUI, SID-ALI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-27
[41] 2017-04-28
[30] US (14/925,500) 2015-10-28

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[21] **2,937,401**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F02C 7/12 (2006.01) F23R 3/00 (2006.01)**
[25] EN
[54] **EFFUSION COOLING HOLES**
[54] **TROUS DE REFROIDISSEMENT PAR EFFUSION**
[72] SREEKANTH, SRI, CA
[72] LAO, SI-MAN, CA
[72] PAPPLE, MICHAEL LESLIE CLYDE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-28
[41] 2017-04-27
[30] US (14/923,594) 2015-10-27

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[21] **2,937,403**
[13] A1
[51] **Int.Cl. F28D 7/00 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F02C 7/224 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR GAS TURBINE ENGINES**
[54] **ECHANGEUR DE CHALEUR DESTINE A UNE TURBINE A GAZ**
[72] TURCOTTE, HERVE, CA
[72] NG, KEVIN, CA
[72] DUBREUIL, JEAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-28
[41] 2017-04-26
[30] US (14/922,247) 2015-10-26

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[21] **2,937,405**
[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01) F23R 3/00 (2006.01)**
[25] EN
[54] **COOLING PASSAGES IN A TURBINE COMPONENT**
[54] **PASSAGES DE REFROIDISSEMENT DANS UN COMPOSANT DE TURBINE**
[72] SREEKANTH, SRI, CA
[72] LAO, SI-MAN, CA
[72] PAPPLE, MICHAEL LESLIE CLYDE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-28
[41] 2017-04-27
[30] US (14/923,660) 2015-10-27

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[21] **2,938,349**
[13] A1
[51] **Int.Cl. G01N 33/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING HEATING VALUE**
[54] **METHODE ET APPAREIL PERMETTANT DE DETERMINER LA VALEUR DE CHAUFFAGE**
[72] HERB, BLAINE EDWARD, US
[72] MACCONNELL, MATTHEW H., US
[72] PENG, XIANG-DONG, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2016-08-09
[41] 2017-04-23
[30] US (62/245,604) 2015-10-23
[30] US (15/181,921) 2016-06-14

[21] **2,938,610**
[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02J 3/06 (2006.01) H02J 3/12 (2006.01)**
[25] EN
[54] **CONTROLLER AND METHOD OF CONTROLLING POWER SUPPLIED FROM A SMALL POWER SOURCE TO A POWER GRID**
[54] **CONTROLEUR ET METHODE DE CONTROLE DE L'ALIMENTATION PROVENANT D'UNE PETITE SOURCE D'ALIMENTATION DESTINEE UN RESEAU ELECTRIQUE**
[72] WANG, YIGANG, US
[72] ROGNLI, ROGER WAYNE, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2016-08-10
[41] 2017-04-23
[30] US (14/921,089) 2015-10-23

---

[21] **2,938,999**
[13] A1
[51] **Int.Cl. B64C 19/00 (2006.01) B64C 13/00 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **ZOOM CLIMB PREVENTION SYSTEM FOR ENHANCED PERFORMANCE**
[54] **SYSTEME DE PREVENTION DE MONTEE EN CHANDELLE DESTINE A AMELIORER LE RENDEMENT**
[72] BEAUFRERE, HENRY L., US
[71] THE BOEING COMPANY, US
[22] 2016-08-16
[41] 2017-04-23
[30] US (14/921841) 2015-10-23

---

[21] **2,939,505**
[13] A1
[51] **Int.Cl. F01D 5/10 (2006.01) B64C 11/14 (2006.01) F16F 15/28 (2006.01)**
[25] EN
[54] **NOSE CONE AND SHAFT BALANCING ASSEMBLY**
[54] **ASSEMBLAGE D'EQUILIBRAGE DE CONE DE NEZ ET D'ARBRE**
[72] BURKHOLDER, GRAHAM, US
[72] MOLNAR, DANIEL, US
[72] SCHNEIDER, JARED, US
[72] KAPPES, MATT, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-08-19
[41] 2017-04-26
[30] US (14/922,807) 2015-10-26

---

[21] **2,940,340**
[13] A1
[51] **Int.Cl. B66F 11/00 (2006.01) B66F 3/00 (2006.01) F16L 1/06 (2006.01) F16L 3/00 (2006.01)**
[25] EN
[54] **JACK SYSTEM**
[54] **SYSTEME DE CRIC**
[72] GRIBNITZ, KURT GEORG, ZA
[72] VAN DER MERWE, JAN HENDRIK, ZA
[71] GRIBNITZ, KURT GEORG, ZA
[71] VAN DER MERWE, JAN HENDRIK, ZA
[22] 2016-08-25
[41] 2017-04-23
[30] ZA (2015/07897) 2015-10-23

---

[21] **2,941,167**
[13] A1
[51] **Int.Cl. A62C 27/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS FIREFIGHTING TOWER**
[54] **TOUR DE LUTTE INCENDIE AUTONOME**
[72] THOMSEN, GARRY DALE, US
[71] THOMSEN, GARRY DALE, US
[22] 2016-09-07
[41] 2017-04-23
[30] US (62245364) 2015-10-23
[30] US (15219069) 2016-07-25

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[21] **2,943,127**
[13] A1
[51] **Int.Cl. E21B 43/267 (2006.01) E21B 43/12 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD OF CONTROLLING STATIC PRESSURE IN THE RESERVOIR OF A LIQUEFIED GAS AND PROPPANT BLENDER**
[54] **METHODE DE CONTROLE DE LA PRESSION STATIQUE DANS LE RESERVOIR D'UN MELANGEUR DE GAZ LIQUEFIE ET DE PROPERGOL**
[72] SCHARMACH, WILLIAM J., US
[72] PANUCCIO, GREGORY, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2016-09-26
[41] 2017-04-23
[30] US (14/921636) 2015-10-23

---

[21] **2,943,139**
[13] A1
[51] **Int.Cl. B32B 37/24 (2006.01) E04D 1/12 (2006.01)**
[25] EN
[54] **DEVICE FOR DISPENSING GRANULAR ROOFING MEDIA ON A MOVING SHEET IN A PATTERN**
[54] **DISPOSITIF DE DISTRIBUTION D'UNE MATIERE DE REVETEMENT DE TOITURE GRANULAIRE SUR UNE FEUILLE EN MOUVEMENT SELON UN MOTIF**
[72] KOSCHITZKY, HENRY, CA
[71] IKO INDUSTRIES LTD., CA
[22] 2016-09-26
[41] 2017-04-26
[30] US (14/922,245) 2015-10-26

---

[21] **2,943,971**
[13] A1
[51] **Int.Cl. F16H 57/04 (2010.01)**
[25] EN
[54] **POWER TRANSMISSION DEVICE**
[54] **DISPOSITIF DE TRANSMISSION D'ALIMENTATION**
[72] OTTOW, NATHAN W., US
[72] COOPER, NATHAN J., US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2016-09-30
[41] 2017-04-23
[30] US (14/921,561) 2015-10-23

[21] **2,944,081**
[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01)**
[25] EN
[54] **PREDICTIVE OVERLAP CONTROL MODEL**
[54] **MODELE DE CONTROLE DE CHEVAUCHEMENT PREDICTIF**
[72] WEISBERG, PAUL GERHARD, CA
[72] RAPLEY, ANTHONY CHARLES, CA
[72] STRATTON, JOHN, US
[71] CNH INDUSTRIAL AMERICA LLC, US
[22] 2016-10-04
[41] 2017-04-27
[30] US (14/924,130) 2015-10-27

[21] **2,944,369**
[13] A1
[51] **Int.Cl. G06Q 30/04 (2012.01) G06Q 20/14 (2012.01)**
[25] EN
[54] **DATA TRANSFER CONTROL BASED ON CONNECTED DEVICE USAGE ANALYSIS**
[54] **CONTROLE DE TRANSFERT DE DONNEES FONDE SUR L'ANALYSE D'UTILISATION DE DISPOSITIF CONNECTE**
[72] AGGARWAL, GARIMA, CA
[72] BARNETT, JONATHAN K., CA
[72] FRITZ, ROISIN LARA, CA
[72] MILLER, ROBERT KYLE, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[72] DELVECCHIO, ORIN, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2016-10-05
[41] 2017-04-29
[30] US (62/247,951) 2015-10-29

[21] **2,944,824**
[13] A1
[51] **Int.Cl. E02D 29/14 (2006.01)**
[25] EN
[54] **FLOATING PRECAST MANHOLE AND CATCH BASIN COVER SYSTEMS**
[54] **SYSTEMES DE COUVERCLES FLOTTANTS PREMOULES DESTINES A UN TROU D'HOMME ET UN PUISARD**
[72] ESRAFILI, ESMAEIL, CA
[71] ESRAFILI, ESMAEIL, CA
[22] 2016-10-07
[41] 2017-04-23
[30] US (14/921,450) 2015-10-23

[21] **2,944,884**
[13] A1
[51] **Int.Cl. G01H 11/08 (2006.01)**
[25] EN
[54] **MINIATURE VECTOR SENSOR**
[54] **DETECTEUR DE VECTEUR MINIATURE**
[72] KEAST, ANDREW, CA
[72] BESLIN, OLIVIER, CA
[72] MALLAY, MATTHEW GERARD, CA
[71] ULTRA ELECTRONICS MARITIME SYSTEMS INC., CA
[22] 2016-10-12
[41] 2017-04-28
[30] US (14/925,081) 2015-10-28

[21] **2,944,928**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DEVICE-BASED ACTION PLAN ALERTS**
[54] **ALERTES DE PLAN D'ACTION FONDEES SUR UN DISPOSITIF**
[72] FISHER, MARK JONATHAN, GB
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-10-11
[41] 2017-04-28
[30] US (62/247,417) 2015-10-28
[30] US (15/203,042) 2016-07-06

[21] **2,945,090**
[13] A1
[51] **Int.Cl. F01D 11/24 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ACTIVE CLEARANCE CONTROL WITH INTEGRAL DOUBLE WALL HEAT SHIELDING**
[54] **COMMANDE DE DEGAGEMENT ACTIVE A PROTECTION THERMIQUE DOUBLE PAROI INTEGRALE**
[72] SABO, NICOLAS KRISTOPHER, US
[72] SCHIMMELS, SCOTT ALAN, US
[72] SHIVANATHAN, SIVARUBAN, US
[72] PENDURTI, SRINIVAS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-23
[30] US (14/920,953) 2015-10-23

[21] **2,945,097**
[13] A1
[51] **Int.Cl. F02C 7/12 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING HEAT FLOW IN AN ENGINE**
[54] **METHODE ET SYSTEME DE GESTION DE FLUX DE CHALEUR DANS UN MOTEUR**
[72] MILLER, BRANDON WAYNE, US
[72] CERNY, MATTHEW ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-26
[30] US (14/922,852) 2015-10-26

[21] **2,945,101**
[13] A1
[51] **Int.Cl. B64D 27/00 (2006.01) B64D 27/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CROSS ENGINE DEBRIS AVOIDANCE**
[54] **METHODE ET MECANISME PERMETTANT D'EVITER LE TRANSFERT DE DEBRIS ENTRE MOTEURS**
[72] MILLER, BRANDON WAYNE, US
[72] PRENTICE, IAN FRANCIS, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-26
[30] US (14/923,062) 2015-10-26

[21] **2,945,103**
[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F04D 29/52 (2006.01)**
[25] EN
[54] **COMPRESSOR INCORPORATING SPLITTERS**
[54] **COMPRESSEUR COMPORTANT DES DIVISEURS**
[72] DIPIETRO, ANTHONY LOUIS, JR., US
[72] KAJFASZ, GREGORY JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-26
[30] US (14/923,005) 2015-10-26

[21] **2,945,105**
[13] A1
[51] **Int.Cl. C23C 28/00 (2006.01)**
[25] EN
[54] **GAS TURBINE COMPONENT WITH IMPROVED THERMAL BARRIER COATING SYSTEM**
[54] **COMPOSANT DE TURBINE A GAZ COMPORTANT UN SYSTEME DE REVETEMENT THERMOPROTECTEUR AMELIORE**
[72] NAGARAJ, BANGALORE ASWATHA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-28
[30] US (14/925,212) 2015-10-28

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[21] **2,945,166**
[13] A1
[51] **Int.Cl. G01N 21/55 (2014.01) G01S 17/95 (2006.01)**
[25] EN
[54] **SENSOR FOR DETECTING REMOTELY LOCATED REFLECTIVE MATERIAL**
[54] **DETECTEUR SERVANT A DETECTER UN MATERIAU REFLECTEUR SITUE A DISTANCE**
[72] ADLER, JEFFREY SCOTT, CA
[72] BAIRD, HAROLD RUSSELL, US
[71] ADLER, JEFFREY SCOTT, CA
[71] BAIRD, HAROLD RUSSELL, US
[22] 2016-10-11
[41] 2017-04-26
[30] US (14/756,879) 2015-10-26

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[21] **2,945,219**
[13] A1
[51] **Int.Cl. F15B 1/02 (2006.01)**
[25] EN
[54] **DEVICE FOR RECOVERING HYDRAULIC ENERGY IN AN IMPLEMENTED AND A CORRESPONDING IMPLEMENT**
[54] **DISPOSITIF PERMETTANT DE RECUPERER L'ENERGIE HYDRAULIQUE D'UN ACCESSOIRE ET ACCESSOIRE CORRESPONDANT**
[72] HELBLING, FRANK, DE
[72] LANDMANN, THOMAS, FR
[71] LIEBHERR-FRANCE SAS, FR
[22] 2016-10-13
[41] 2017-04-23
[30] DE (10 2015 013 768.9) 2015-10-23
[30] DE (10 2016 003 390.8) 2016-03-18

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[21] **2,945,225**
[13] A1
[51] **Int.Cl. G01J 3/46 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO DETERMINE COLOUR OF EGG YOLK**
[54] **METHODE ET APPAREIL PERMETTANT DE DETERMINER LA COULEUR DU JAUNE D'OEUF**
[72] SHERIDAN, MATTHEW, CA
[71] NIX SENSOR LTD., CA
[22] 2016-10-13
[41] 2017-04-23
[30] US (62245541) 2015-10-23

---

[21] **2,945,241**
[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **LEAF SEAL REACH OVER SPRING WITH RETENTION MECHANISM**
[54] **JOINT A LAME CHEVAUCHANT UN RESSORT ET DOTE D'UN MECANISME DE RETENUE**
[72] UGARTE, JOHNNATTAN TENNESSE, US
[72] SENILE, DARRELL GLENN, US
[72] SRINIVAS, MULLAHALLI VENKATARAMANIAH, US
[72] FARMER, JONATHON, US
[72] QUILL, HUGH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-23
[30] US (14/920,963) 2015-10-23

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[21] **2,945,244**
[13] A1
[51] **Int.Cl. B28B 1/00 (2006.01) B28B 11/00 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **FABRICATION OF GAS TURBINE ENGINE COMPONENTS USING MULTIPLE PROCESSING STEPS**
[54] **FABRICATION DE COMPOSANTS DE MOTEUR DE TURBINE A GAZ COMPORTANT PLUSIEURS ETAPES DE TRAITEMENT**
[72] VERRILLI, MICHAEL J., US
[72] NOE, MARK EUGENE, US
[72] MARUSKO, MARK WILLARD, US
[72] IZON, PAUL, US
[72] TYLER, ROBERT, US
[72] HASSE, CHRISTOPHER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-23
[30] US (14/921,023) 2015-10-23

[21] **2,945,245**
[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/28 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR A PLANETARY POWER GEARBOX STATIC TO ROTATING OIL TRANSFER SUPPLY**
[54] **METHODE ET SYSTEME D'ALIMENTATION DE TRANSFERT D'HUILE D'UN ENGRENAGE PLANETAIRE STATIQUE A UN ENGRENAGE ROTOTIF**
[72] MILLER, BRANDON WAYNE, US
[72] VAN DER MERWE, GERT JOHANNES, US
[72] BRADLEY, DONALD ALBERT, US
[72] BARNELL, MICHAEL ANTHONY, US
[72] KROGER, CHRISTOPHER JAMES, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-23
[30] US (14/921,689) 2015-10-23

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[21] **2,945,248**
[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) F16D 3/14 (2006.01)**
[25] EN
[54] **TORSIONAL DAMPING FOR GAS TURBINE ENGINES**
[54] **ATTENUATION TORSONNELLE DESTINEE AUX TURBINES A GAZ**
[72] GEMIN, PAUL ROBERT, US
[72] BECKER, THOMAS LEE, US
[72] STEEN, TOD ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-23
[30] US (14/920,993) 2015-10-23
[30] US (15/018,966) 2016-02-09

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[21] **2,945,250**
[13] A1
[51] **Int.Cl. A01B 33/14 (2006.01)**
[25] FR
[54] **IMPROVED ROTARY HARROW TOOL AND HARROW COMPRISING SUCH TOOLS**
[54] **OUTIL DE HERSE ROTATIVE AMELIORE ET HERSE COMPORTANT DE TELS OUTILS**
[72] SCHOTT, THIERRY, FR
[72] TEITGEN, HERVE, FR
[71] KUHN SA, FR
[22] 2016-10-12
[41] 2017-04-23
[30] FR (15 60 127) 2015-10-23

---

[21] **2,945,254**
[13] A1
[51] **Int.Cl. C23C 4/073 (2016.01) C23C 4/02 (2006.01) C23C 4/12 (2016.01) C23C 4/18 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **METHODS OF REPAIRING A THERMAL BARRIER COATING OF A GAS TURBINE COMPONENT AND THE RESULTING COMPONENTS**
[54] **METHODES DE REPARATION D'UN REVETEMENT PROTECTEUR THERMIQUE D'UN COMPOSANT DE TURBINE A GAZ ET COMPOSANTS RESULTANTS**
[72] NAGARAJ, BANGALORE ASWATHA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-13
[41] 2017-04-28
[30] US (14/925,288) 2015-10-28

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[21] **2,945,394**
[13] A1
[51] **Int.Cl. B62H 3/00 (2006.01)**
[25] EN
[54] **SECURING DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] KUCHLER, MARCUS, DE
[72] PANKRATIUS, ERNST, DE
[71] ABUS AUGUST BREMICKER SOHNE KG, DE
[22] 2016-10-13
[41] 2017-04-27
[30] DE (102015118311.0) 2015-10-27

---

[21] **2,945,397**
[13] A1
[51] **Int.Cl. H01M 4/06 (2006.01) H01M 4/08 (2006.01) H01M 6/14 (2006.01)**
[25] EN
[54] **ELECTRO-ACTIVE MATERIAL OF A CATHODE OF PRIMARY BATTERY**
[54] **MATERIAU ELECTROACTIF D'UNE CATHODE D'UNE BATTERIE PRIMAIRE**
[72] WANG, XIAOJUN, CH
[72] HAERING, PASCAL, CH
[71] RENATA AG, CH
[22] 2016-10-13
[41] 2017-04-28
[30] EP (15191900.8) 2015-10-28

---

[21] **2,945,444**
[13] A1
[51] **Int.Cl. B01F 3/08 (2006.01) B01F 17/00 (2006.01) C09K 3/00 (2006.01)**
[25] EN
[54] **NANOEMULSIONS HAVING REVERSIBLE CONTINUOUS AND DISPERSED PHASES**
[54] **NANOEMULSIONS COMPORTANT DES PHASES CONTINUES ET DISPERSEES REVERSIBLES**
[72] WU, CHIEN-CHIN, US
[71] LG BIONANO, LLC, US
[22] 2016-10-17
[41] 2017-04-23
[30] US (14/921,572) 2015-10-23

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[21] **2,945,445**
[13] A1
[51] **Int.Cl. A61B 17/072 (2006.01) A61B 17/064 (2006.01) A61B 17/068 (2006.01) A61B 17/285 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING DEVICE WITH TRIPPLE LEG STAPLES**
[54] **APPAREIL D'AGRAFAGE CHIRURGICAL A AGRAFES A TROIS PATTES**
[72] KOSTRZEWSKI, STANISLAW, US
[71] COVIDIEN LP, US
[22] 2016-10-17
[41] 2017-04-28
[30] US (14/924,908) 2015-10-28

[21] **2,945,501**
[13] A1
[51] **Int.Cl. G08B 29/18 (2006.01) G01K 3/04 (2006.01) G01K 7/22 (2006.01) G08B 17/00 (2006.01) G08B 19/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VERIFIED THREAT DETECTION**
[54] **SYSTEMES ET METHODES DE DETECTION DE MENACE VERIFIEE**
[72] WATKINS, MICHEAL, US
[72] MCAWARD, JAMES GERARD, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-10-14
[41] 2017-04-29
[30] US (14/926,835) 2015-10-29

---

[21] **2,945,503**
[13] A1
[51] **Int.Cl. G08B 29/24 (2006.01) H04W 56/00 (2009.01) H04W 80/02 (2009.01) G08B 7/06 (2006.01) G08C 17/02 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION OF WIRELESSLY CONTROLLED NOTIFICATION DEVICES USING WIRELESS COMMUNICATION**
[54] **SYNCHRONISATION DE DISPOSITIFS DE NOTIFICATION CONTROLES SANS FIL AU MOYEN DE COMMUNICATION SANS FIL**
[72] OTIS, JESSE J., US
[72] SHARMA, GOURAV, US
[72] BEREZOWSKI, ANDREW G., US
[72] M, SHREELATHA, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-10-14
[41] 2017-04-29
[30] US (14/926,246) 2015-10-29

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[21] **2,945,505**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **ELECTRONIC DEVICE AND METHOD OF SEARCHING DATA RECORDS**
[54] **DISPOSITIF ELECTRONIQUE ET METHODE DE RECHERCHE DE REGISTRES DE DONNEES**
[72] BRUCK, JAMES ARTHUR, CA
[72] FERGUSON, GEORDON THOMAS, CA
[72] QI, SONG TAO, CA
[72] JUDGE, FRANCIS PATRICK, US
[72] COLLINS, CORA LYNNE, CA
[71] BLACKBERRY LIMITED, CA
[22] 2016-10-13
[41] 2017-04-27
[30] US (14/924,534) 2015-10-27

---

[21] **2,945,506**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) H04N 21/80 (2011.01) G08B 21/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM OF ADAPTIVE BUILDING LAYOUT/EFFICIENCY OPTIMIZATION**
[54] **METHODE ET SYSTEME DE CONSTRUCTION ADAPTATIVE ET OPTIMISATION D'EFFICACITE**
[72] LATHEEF, RINAS ABDUL, US
[72] JOSEPH, VIBGY, US
[72] SIVAKUMAR, BALAJI BHATHEY, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-10-14
[41] 2017-04-27
[30] US (14/924,143) 2015-10-27

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[21] **2,945,594**
[13] A1
[51] **Int.Cl. F16K 11/22 (2006.01) F16K 31/53 (2006.01)**
[25] EN
[54] **CONTROL VALVE FOR FLUID TREATMENT APPARATUS**
[54] **VANNE DE COMMANDE DESTINEE A UN APPAREILLAGE DE TRAITEMENT DE LIQUIDE**
[72] BOGLIO, EUGENE, US
[72] ANDERSON, DOUG, US
[72] SLOMA, ADAM, US
[72] WEBB, LONNIE, US
[72] SAHNI, HARKIRAT, US
[72] LATHOURIS, BILL, US
[71] CULLIGAN INTERNATIONAL COMPANY, US
[22] 2016-10-18
[41] 2017-04-23
[30] US (62/245,751) 2015-10-23

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[21] **2,945,808**
[13] A1
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/42 (2006.01) E21C 29/16 (2006.01) E21C 37/00 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR MINING MACHINE**
[54] **MECANISME DE COMMANDE DE VEHICULE D'EXPLOITATION MINIERE**
[72] BRANDT, MICHAEL, US
[72] GIESFELDT, JAMES, US
[72] HAMANN, ROBERT, US
[71] CATERPILLAR GLOBAL MINING LLC, US
[22] 2016-10-19
[41] 2017-04-28
[30] US (14/925,705) 2015-10-28

[21] **2,945,809**
[13] A1
[51] **Int.Cl. E21C 27/30 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR MINING MACHINE**
[54] **MECANISME DE COMMANDE DE VEHICULE D'EXPLOITATION MINIERE**
[72] BRANDT, MICHAEL, US
[72] GIESFELDT, JAMES, US
[72] HAMANN, ROBERT, US
[71] CATERPILLAR GLOBAL MINING LLC, US
[22] 2016-10-19
[41] 2017-04-28
[30] US (14/925,681) 2015-10-28

---

[21] **2,945,811**
[13] A1
[51] **Int.Cl. E21C 27/30 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR MINING MACHINE**
[54] **MECANISME DE COMMANDE DE VEHICULE D'EXPLOITATION MINIERE**
[72] BRANDT, MICHAEL, US
[72] GIESFELDT, JAMES, US
[72] HAMANN, ROBERT, US
[71] CATERPILLAR GLOBAL MINING LLC, US
[22] 2016-10-19
[41] 2017-04-28
[30] US (14/925,655) 2015-10-28

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[21] **2,945,836**
[13] A1
[51] **Int.Cl. F16H 9/18 (2006.01) F16H 9/04 (2006.01) F16H 9/12 (2006.01)**
[25] EN
[54] **BELT-TYPE CONTINUOUSLY VARIABLE TRANSMISSION FOR WORKING MACHINE**
[54] **TRANSMISSION VARIABLE EN CONTINU DE TYPE COURROIE DESTINEE A UNE MACHINE DE TRAVAIL**
[72] YOSHIMURA, HAJIME, JP
[72] MATSUO, YUJI, JP
[72] ISHIKAWA, TOMOAKI, JP
[72] KATAOKA, MAKOTO, JP
[72] KAWASHIMA, SHIGEKI, JP
[72] YOKOYAMA, NORIHIKO, JP
[72] MIWA, NAOYUKI, JP
[71] HONDA MOTOR CO. LTD., JP
[71] KABUSHIKI KAISHA F.C.C., JP
[22] 2016-10-19
[41] 2017-04-23
[30] JP (2015-208870) 2015-10-23

---

[21] **2,945,837**
[13] A1
[51] **Int.Cl. F16H 63/30 (2006.01) E01H 8/06 (2006.01) F16H 63/24 (2006.01)**
[25] EN
[54] **WORKING MACHINE**
[54] **MACHINE DE TRAVAIL**
[72] YUKI, TORU, CN
[72] HIROSE, YOSHIHISA, CN
[72] KANKE, HIROO, CN
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-10-19
[41] 2017-04-23
[30] JP (2015-208870) 2015-10-23

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[21] **2,945,859**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F02C 7/12 (2006.01) F02C 7/18 (2006.01)**
[25] EN
[54] **CYCLONIC SEPARATOR FOR A TURBINE ENGINE**
[54] **SEPARATEUR CYCLONIQUE DESTINE A UNE TURBINE A GAZ**
[72] RAHAIM, JOHN JOSEPH, US
[72] BOURASSA, COREY, US
[72] BUHLER, JARED PETER, US
[72] RATZLAFF, JONATHAN RUSSELL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-04-28
[30] US (14,925,190) 2015-10-28

---

[21] **2,945,868**
[13] A1
[51] **Int.Cl. C04B 35/80 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **COMPONENT FOR A GAS TURBINE ENGINE**
[54] **COMPOSANT DESTINE A UNE TURBINE A GAZ**
[72] BUNKER, RONALD SCOTT, US
[72] GALLIER, KIRK D., US
[72] FREY, DAVID ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-04-29
[30] US (14/926,294) 2015-10-29

---

[21] **2,945,869**
[13] A1
[51] **Int.Cl. H02K 15/06 (2006.01) H02K 1/16 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **ELECTRIC MACHINE SYSTEM**
[54] **SYSTEME DE MACHINE ELECTRIQUE**
[72] TORREY, DAVID ALLAN, US
[72] VAN DAM, JEREMY DANIEL, US
[72] YIN, WEIJUN, US
[72] REDDY, PATEL BHAGEERATH, US
[72] HUGHES, MICHAEL FRANKLIN, US
[72] ZIERER, JOSEPH JOHN, JR., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-04-29
[30] US (14/927,299) 2015-10-29

[21] **2,945,884**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 1/267 (2006.01) A61B 5/06 (2006.01)**
[25] EN
[54] **METHOD OF USING LUNG AIRWAY CARINA LOCATIONS TO IMPROVE ENB REGISTRATION**
[54] **METHODE D'UTILISATION DES EMPLACEMENTS DE CARENE DES VOIES RESPIRATOIRES EN VUE D'AMELIORER L'ENREGISTREMENT D'EMPLACEMENT**
[72] COSTELLO, DAVID M., US
[72] KOYRAKH, LEV A., US
[72] CALCUTT, MICHAEL E., US
[71] COVIDIEN LP, US
[22] 2016-10-20
[41] 2017-04-27
[30] US (62/246,721) 2015-10-27
[30] US (15/296,141) 2016-10-18

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[21] **2,945,915**
[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06Q 50/22 (2012.01) G06F 3/0484 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **REAL TIME DATA TRACKING, ANALYTICS DATA WAREHOUSING, AND FRONT END REPORTING SYSTEM**
[54] **SUIVI DE DONNEES EN TEMPS REEL, ENTREPOSAGE DE DONNEES D'ANALYSE ET SYSTEME DE PRODUCTION DE RAPPORT A L'AVANT**
[72] MELVIN, SHAWN M., US
[72] LYNCH, TARA BOSCO, US
[72] MIRKOVA, NADEZDA, US
[72] NACEY, MICHAEL L., US
[71] TELETRACKING TECHNOLOGIES, INC., US
[22] 2016-10-20
[41] 2017-04-23
[30] US (62/245,440) 2015-10-23

---

[21] **2,945,974**
[13] A1
[51] **Int.Cl. G06F 21/34 (2013.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING CUSTOMIZED TOKENS**
[54] **SYSTEMES ET METHODES PERMETTANT DE FOURNIR DES JETONS PERSONNALISES**
[72] CONANT, GEOFFREY DOUGLAS, CA
[72] ROEDGER, ROY ALEXANDER, CA
[71] INSTANT ACCESS 360 INC., CA
[22] 2016-10-21
[41] 2017-04-23
[30] US (62/245,550) 2015-10-23

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[21] **2,945,981**
[13] A1
[51] **Int.Cl. B64D 13/00 (2006.01) B64D 13/08 (2006.01) B64D 27/24 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTEGRATED POWER AND THERMAL MANAGEMENT IN A TURBINE-POWERED AIRCRAFT**
[54] **SYSTEMES ET METHODES DE GESTION INTEGREE DE LA PUISSANCE ET DE LA CHALEUR DANS UN AERONEF A TURBINE**
[72] CERNY, MATTHEW ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-10-20
[41] 2017-04-27
[30] US (14/923,731) 2015-10-27

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[21] **2,945,985**
[13] A1
[51] **Int.Cl. F21K 9/69 (2016.01) E01F 9/615 (2016.01) F21K 9/66 (2016.01) G08G 1/095 (2006.01) H05B 37/00 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE SIGNAL MODULE**
[54] **MODULE DE SIGNAL A DIODE ELECTROLUMINESCENTE**
[72] TAVERNESE, LUIGI, CA
[72] URTIGA, LUCAS, CA
[72] AUGER, CHRISTIAN, CA
[72] DUBUC, EDEN, CA
[72] FAN, YU FELIX, CA
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2016-10-20
[41] 2017-04-28
[30] US (14/924,755) 2015-10-28

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[21] **2,945,995**
[13] A1
[51] **Int.Cl. G01M 17/00 (2006.01) G01M 7/02 (2006.01)**
[25] EN
[54] **AIRCRAFT HEALTH AND USAGE MONITORING SYSTEM AND TRIGGERING METHOD**
[54] **SYSTEME DE SURVEILLANCE DE L'ETAT DE SANTE ET DE L'UTILISATION D'UN AERONEF ET METHODE DE DECLENCHEMENT**
[72] COKONAJ, VALERIJAN, GB
[71] SAFRAN LANDING SYSTEMS UK LIMITED, GB
[22] 2016-10-18
[41] 2017-04-23
[30] EP (15191345.6) 2015-10-23

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[21] **2,946,002**
[13] A1
[51] **Int.Cl. B60K 23/08 (2006.01)**
[25] EN
[54] **TRANSFER FOR FOUR-WHEEL DRIVE VEHICLE**
[54] **MECANISME DE TRANSFERT DESTINE A UN VEHICULE A QUATRE ROUES MOTRICES**
[72] IMAFUKU, MIZUKI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-10-21
[41] 2017-04-26
[30] JP (2015-210272) 2015-10-26

[21] **2,946,025**
[13] A1
[51] **Int.Cl. A47J 36/02 (2006.01) A47J 27/00 (2006.01)**
[25] EN
[54] **CONTAINER FOR COOKING FOODS**
[54] **RECIPIENT DESTINE A DES ALIMENTS CUITS**
[72] FERRON, FRANCESCO, IT
[72] FERRON, JACOPO, IT
[71] BALLARINI PAOLO & FIGLI S.P.A., IT
[22] 2016-10-19
[41] 2017-04-26
[30] IT (202015000065456) 2015-10-26

[21] **2,946,026**
[13] A1
[51] **Int.Cl. C09J 123/12 (2006.01) B32B 7/12 (2006.01) B32B 37/12 (2006.01) C09J 123/14 (2006.01) C09J 123/16 (2006.01) C09J 123/26 (2006.01)**
[25] EN
[54] **HOT-MELT ADHESIVE COMPOSITION FOR ELASTIC ATTACHMENTS**
[54] **COMPOSITION D'ADHESIF A FUSION A CHAUD DESTINEE A DES FIXATIONS ELASTIQUES**
[72] HUSSEIN, NAJI, FR
[72] BEAUCHET, SEVERINE, FR
[71] BOSTIK SA, FR
[22] 2016-10-19
[41] 2017-04-23
[30] EP (15 306 702.0) 2015-10-23

[21] **2,946,030**
[13] A1
[51] **Int.Cl. B29C 70/04 (2006.01) B29C 33/00 (2006.01)**
[25] EN
[54] **EXTRUDED MOLDS AND METHODS FOR MANUFACTURING COMPOSITE TRUCK PANELS**
[54] **MOULES EXTRUDES ET METHODE DE FABRICATION DE PANNEAUX DE CAMION EN COMPOSITE**
[72] LEWIT, SCOTT M., US
[72] MCCLOUD, TRAVIS SMITH, US
[71] WABASH NATIONAL, L.P., US
[22] 2016-10-21
[41] 2017-04-23
[30] US (62/245503) 2015-10-23

[21] **2,946,090**
[13] A1
[51] **Int.Cl. A63B 63/00 (2006.01) A63B 63/04 (2006.01) A63B 69/00 (2006.01) F21V 33/00 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **SPORTS PRACTICE TARGET APPARATUS**
[54] **DISPOSITIF DE CIBLE DE PRATIQUE SPORTIVE**
[72] COLE, GUY, CA
[71] COLE, GUY, CA
[22] 2016-10-21
[41] 2017-04-23
[30] US (62/245,849) 2015-10-23

[21] **2,946,107**
[13] A1
[51] **Int.Cl. B60P 7/04 (2006.01)**
[25] EN
[54] **ARMS FOR TRANSLATING A TARP ROLLER ACROSS A TRAILER AND A TARP STOP FOR A TARP SUPPORTED BY THE TARP ROLLER**
[54] **BRAS SERVANT A DEPLACER LATERALEMENT UN ROULEAU DE BACHE SUR UNE REMORQUE ET UNE BUTEE DE BACHE DESTINEE A UNE BACHE SOUTENUE PAR LE ROULEAU DE BACHE**
[72] BIELFELT, TERRY J., US
[72] BRACHA, TIMOTHY L., US
[72] WELLMAN, MARK, US
[72] TOPIL, HENRY J., US
[72] TOPIL, CODY J., US
[72] GESELL, TIMOTHY A., US
[71] TIMPTE INDUSTRIES, INC., US
[22] 2016-10-21
[41] 2017-04-23
[30] US (14/921688) 2015-10-23

[21] **2,946,113**
[13] A1
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01) C07K 16/24 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-IL-2 ANTIBODIES AND COMPOSITIONS AND USES THEREOF**
[54] **ANTICORPS ANTI-IL-2 ET LEURS COMPOSITIONS ET METHODES D'UTILISATION**
[72] RONDON, ISAAC J., US
[72] CRELLIN, NATASHA, US
[72] BESSETTE, PAUL, US
[72] TROTTA, ELEONORA, US
[72] BLUESTONE, JEFFREY A., US
[72] ELY, LAUREN K., US
[72] GARCIA, KENAN CHRISTOPHER, US
[71] PFIZER INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[22] 2016-10-21
[41] 2017-04-23
[30] US (62/245,600) 2015-10-23
[30] US (62/408,360) 2016-10-14

[21] **2,946,160**
[13] A1
[51] **Int.Cl. F16L 41/12 (2006.01) F16L 41/06 (2006.01) F16L 47/30 (2006.01) F16L 47/34 (2006.01)**
[25] EN
[54] **MECHANICAL BRANCH OUTLET**
[54] **PRISE DE RACCORDEMENT MECANIQUE**
[72] BORAWSKI, THOMAS, US
[72] BEAGEN, JOSEPH WILLIAM, JR., US
[72] MCNAMARA, MATTHEW W., US
[72] SCOTT, STEPHEN ERIC, US
[71] MUELLER INTERNATIONAL, LLC, US
[22] 2016-10-21
[41] 2017-04-29
[30] US (14/926,781) 2015-10-29

[21] **2,946,211**
[13] A1
[51] **Int.Cl. A61B 5/00 (2006.01) A61B 3/113 (2006.01) A61B 5/11 (2006.01) A61B 5/18 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **ELECTRONIC OPHTHALMIC LENS WITH SLEEP MONITORING**
[54] **LENTILLE OPHTALMIQUE ELECTRONIQUE EQUIPEE D'UN DISPOSITIF DE SURVEILLANCE DU SOMMEIL**
[72] PUGH, RANDALL B., US
[72] FLITSCH, FREDERICK A., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2016-10-24
[41] 2017-04-27
[30] US (14/924,065) 2015-10-27

---

[21] **2,946,387**
[13] A1
[51] **Int.Cl. F21S 4/15 (2016.01) F21S 4/10 (2016.01) H01B 9/00 (2006.01)**
[25] EN
[54] **TANGLE-RESISTANT DECORATIVE LIGHTING ASSEMBLY**
[54] **APPAREIL D'ECLAIRAGE DECORATIF RESISTANT A L'ENCHEVETREMENT**
[72] CHEN, JOHNNY, TW
[71] WILLIS ELECTRIC CO., LTD., TW
[22] 2016-10-25
[41] 2017-04-26
[30] US (62/246,423) 2015-10-26

---

[21] **2,946,427**
[13] A1
[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/44 (2006.01) G01V 1/50 (2006.01) E21B 23/14 (2006.01) E21B 47/01 (2012.01)**
[25] EN
[54] **DETERMINING SHEAR SLOWNESS BASED ON A HIGHER ORDER FORMATION FLEXURAL ACOUSTIC MODE**
[54] **DETERMINATION DE LA LENTEUR DU CISAILLEMENT FONDEE SUR UN MODE ACOUSTIQUE FLEXURAL DE FORMATION D'ORDRE SUPERIEUR**
[72] WANG, PU, US
[72] BOSE, SANDIP, US
[72] SINHA, BIKASH K., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2016-10-26
[41] 2017-04-27
[30] US (62/247,178) 2015-10-27
[30] US (15/331,958) 2016-10-24

---

[21] **2,946,428**
[13] A1
[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/46 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PROCESSING DIPOLE ANISOTROPY**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT D'ANISOTROPIE BIPOLAIRE**
[72] ENDO, TAKESHI, JP
[72] VALERO, HENRI-PIERRE, FR
[72] SYRESIN, DENIS, JP
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2016-10-26
[41] 2017-04-27
[30] US (62/247,186) 2015-10-27
[30] US (15/333,199) 2016-10-25

---

[21] **2,946,431**
[13] A1
[51] **Int.Cl. F16K 17/04 (2006.01)**
[25] EN
[54] **ELECTROMECHANICAL PRESSURE RELIEF VALVE**
[54] **SOUPAPE DE SURPRESSION ELECTROMECANIQUE**
[72] PEARSON, JAMES E., US
[72] SZEWCZYK, STEFAN JOHN, US
[72] MILLIKAN, GARY RICHARD, US
[71] ROBERTSHAW CONTROLS COMPANY, US
[22] 2016-10-26
[41] 2017-04-27
[30] US (62/246,876) 2015-10-27
[30] US (15/296,913) 2016-10-18

---

[21] **2,946,436**
[13] A1
[51] **Int.Cl. F24H 1/18 (2006.01) F24H 9/14 (2006.01)**
[25] EN
[54] **WATER HEATER WITH THERMAL BREAK**
[54] **CHAUFFE-EAU A RUPTURE THERMIQUE**
[72] LOWDERMILK, JOHN ROBERT, US
[72] PRIDEMORE, DONALD IRVIN, JR., US
[72] YON, BRADLEY S., US
[72] TILSON, STEVEN LAWRENCE, US
[71] A. O. SMITH CORPORATION, US
[22] 2016-10-26
[41] 2017-04-26
[30] US (62/246,405) 2015-10-26

---

[21] **2,946,462**
[13] A1
[51] **Int.Cl. B32B 3/24 (2006.01) B32B 3/08 (2006.01) H02K 15/03 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING LAMINATED CORE**
[54] **PROCEDE DE FABRICATION D'AME STRATIFIEE**
[72] YOSHIDA, KOHEI, JP
[72] SATAKE, JUNYA, JP
[72] KANESHIGE, KEIICHI, JP
[72] GI, MEIO, JP
[71] MITSUI HIGH-TEC, INC., JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[71] AISIN AW CO., LTD., JP
[22] 2016-10-26
[41] 2017-04-26
[30] JP (2015-209932) 2015-10-26

[21] **2,946,484**
[13] A1
[51] **Int.Cl. F01N 3/023 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **EXHAUST GAS CLEANING APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **APPAREIL DE NETTOYAGE DU GAZ D'ECHAPPEMENT DESTINE A COMBUSTION INTERNE**
[72] HATTA, MASANORI, JP
[72] ISHIKAWA, HIROAKI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[22] 2016-10-25
[41] 2017-04-28
[30] JP (2015-211722) 2015-10-28

---

[21] **2,946,497**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 10/60 (2006.01)**
[25] EN
[54] **DOWNHOLE DRILLING ASSEMBLY WITH CONCENTRIC ALIGNMENT FEATURE**
[54] **APPAREILLAGE DE FORAGE DE FOND DE TROU A FONCTIONNALITE D'ALIGNEMENT CONCENTRIQUE**
[72] CHEVALIER, JOSH, US
[72] BAIRRINGTON, CHRIS, US
[71] CHEVALIER, JOSH, US
[71] BAIRRINGTON, CHRIS, US
[22] 2016-10-26
[41] 2017-04-26
[30] US (62/246,474) 2015-10-26

---

[21] **2,946,517**
[13] A1
[51] **Int.Cl. F16G 11/00 (2006.01)**
[25] EN
[54] **SHACKLE WITH CAPTURED PIN ASSEMBLY**
[54] **MANILLE DOTEE D'UN MECANISME DE TIGE CAPTUREE**
[72] OHMAN, ROGER, US
[71] THE CROSBY GROUP LLC, US
[22] 2016-10-26
[41] 2017-04-26
[30] US (62/246,410) 2015-10-26
[30] US (15/332,017) 2016-10-24

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[21] **2,946,565**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CONSOLIDATING AND PERFORMING DATA MANAGEMENT FOR A PERSONAL COMPUTING DEVICE**
[54] **SYSTEME ET METHODE DE CONSOLIDATION ET DE REALISATION DE LA GESTION DES DONNEES DESTINES A UN APPAREIL INFORMATIQUE PERSONNEL**
[72] KOTADIA, SHAFFIQ, CA
[71] THE DOLPHIN PROJECT INC., CA
[22] 2016-10-27
[41] 2017-04-29
[30] US (62/248,272) 2015-10-29

---

[21] **2,946,570**
[13] A1
[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] FR
[54] **PROCESS FOR SAFEGUARDING TRANSACTIONAL DATA, CORRESPONDING COMPUTER TERMINAL AND SOFTWARE**
[54] **PROCEDE DE SECURISATION DE TRAITEMENT DE DONNEES TRANSACTIONNELLES, TERMINAL ET PROGRAMME D'ORDINATEUR CORRESPONDANT**
[72] GERAUD, REMI, FR
[72] KOUDOUSSI, HIBA, FR
[71] INGENICO GROUP, FR
[22] 2016-10-27
[41] 2017-04-27
[30] FR (1560270) 2015-10-27

---

[21] **2,946,608**
[13] A1
[51] **Int.Cl. G06Q 40/08 (2012.01)**
[25] EN
[54] **PET INSURANCE SYSTEM AND METHOD**
[54] **PROGRAMME D'ASSURANCE DESTINE AUX ANIMAUX ET METHODE**
[72] MARSHALL, KERRI, US
[72] RAWLINGS, DARRYL, US
[72] PLOWMAN, KATHRYN, US
[72] CAPPELLETTI, CHRIS, US
[71] TRUPANION INC., US
[22] 2016-10-27
[41] 2017-04-27
[30] US (14/924,606) 2015-10-27

---

[21] **2,946,624**
[13] A1
[51] **Int.Cl. A01G 27/02 (2006.01)**
[25] EN
[54] **PLANT WATERING SYSTEM**
[54] **MECANISME D'ARROSAGE DES PLANTES**
[72] LAU, KI MAU, HK
[71] LAU, KI MAU, HK
[22] 2016-10-27
[41] 2017-04-27
[30] GB (1518932.7) 2015-10-27

---

[21] **2,946,634**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **WIRED POCKET**
[54] **POCHETTE EQUIPEE DE FIL**
[72] HEBEISEN, STEPHEN P., US
[72] LIARNO, XI MING, US
[72] MIROSHNICHENKO, EUGENE, US
[72] WILK, JOHN, US
[71] MECHOSHADE SYSTEMS, INC., US
[22] 2016-10-27
[41] 2017-04-27
[30] US (62/247,036) 2015-10-27
[30] US (15/334,591) 2016-10-26

---

[21] **2,946,639**
[13] A1
[51] **Int.Cl. G10K 11/175 (2006.01) H04B 1/40 (2015.01) H04R 1/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SUPRESSING AMBIENT NOISE IN A SPEECH SIGNAL GENERATED AT A MICROPHONE OF THE DEVICE**
[54] **METHODE ET DISPOSITIF DE SUPPRESSION DU BRUIT AMBIANT DANS UN SIGNAL DE VOIX PRODUIT AU MICROPHONE DU DISPOSITIF**
[72] SORENSEN, TOMMY, CA
[71] BLACKBERRY LIMITED, CA
[22] 2016-10-27
[41] 2017-04-29
[30] US (14/926688) 2015-10-29

[21] **2,946,640**
[13] A1
[51] **Int.Cl. B29C 70/24 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **COMPOSITE SUCKER ROD ASSEMBLY MADE BY RESIN INFUSION**
[54] **APPAREILLAGE DE TIGE DE POMPAGE EN COMPOSITE FAIT PAR INFUSION DE RESINE**
[72] SJOSTEDT, ROBBIE, US
[71] LIFTING SOLUTIONS INC., CA
[22] 2016-10-27
[41] 2017-04-29
[30] US (62/248,098) 2015-10-29

---

[21] **2,946,642**
[13] A1
[51] **Int.Cl. A63G 31/00 (2006.01) B61B 3/00 (2006.01)**
[25] EN
[54] **ZIP LINE ASSEMBLY AND TROLLEY THEREFORE**
[54] **APPAREILLAGE DE TYROLIENNE ET POULIE ASSOCIEE**
[72] REESE, LLOYD WAYNE, US
[72] HUGHES, JAMES ALAN, US
[71] MIRACLE RECREATION EQUIPMENT COMPANY, US
[22] 2016-10-27
[41] 2017-04-28
[30] US (62/247,580) 2015-10-28
[30] US (15/335,063) 2016-10-26

---

[21] **2,946,675**
[13] A1
[51] **Int.Cl. E21B 25/00 (2006.01)**
[25] EN
[54] **A CORE RELEASE SYSTEM AND METHOD**
[54] **UN SYSTEME ET UNE METHODE DE LIBERATION DE NOYAU**
[72] MCLEOD, GAVIN THOMAS, AU
[72] BROWN, KELVIN, AU
[71] IMDEX GLOBAL B.V., NL
[22] 2016-10-27
[41] 2017-04-29
[30] AU (2015904439) 2015-10-29

---

[21] **2,946,682**
[13] A1
[51] **Int.Cl. H01R 24/58 (2011.01) E21B 17/02 (2006.01) E21B 47/12 (2012.01) H01R 39/00 (2006.01)**
[25] EN
[54] **LATCHING ROTARY CONNECTOR SYSTEM**
[54] **SYSTEME DE RACCORD ROTATIF A LOQUET**
[72] PRATT, F. DALE, CA
[72] LAMBE, KENNETH A., CA
[71] EXTENSIVE ENERGY TECHNOLOGIES PARTNERSHIP, CA
[22] 2016-10-26
[41] 2017-04-27
[30] US (62/246,715) 2015-10-27

---

[21] **2,946,763**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01) A61B 90/90 (2016.01)**
[25] EN
[54] **SURGICAL SUTURE ADAPTED FOR ENHANCED VISIBILITY**
[54] **SUTURE CHIRURGICALE ADAPTEE POUR AMELIORER LA VISIBILITE**
[72] VALNICEK, STANLEY MICHAEL KARL, CA
[71] VALNICEK, STANLEY MICHAEL KARL, CA
[22] 2016-10-28
[41] 2017-04-28
[30] US (62/247,332) 2015-10-28

---

[21] **2,946,765**
[13] A1
[51] **Int.Cl. H01R 13/631 (2006.01) H01R 24/86 (2011.01) A47G 33/04 (2006.01)**
[25] EN
[54] **PIN CONNECTOR**
[54] **RACCORD DE TIGE**
[72] YANG, PING, CN
[71] JETMAX LIGHTING COMPANY LIMITED, CN
[22] 2016-10-28
[41] 2017-04-29
[30] CN (2015-20862024.8) 2015-10-29

---

[21] **2,946,775**
[13] A1
[51] **Int.Cl. G06F 9/46 (2006.01) G06F 11/34 (2006.01) G06F 15/16 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **AUTOMATED SERVER WORKLOAD MANAGEMENT USING MACHINE LEARNING**
[54] **GESTION AUTOMATISEE DE LA CHARGE DE TRAVAIL DE SERVEUR AU MOYEN DE L'APPRENTISSAGE MACHINE**
[72] KUMAR, SUBODH, US
[72] BARDWAJ, SANTOSH, US
[71] KUMAR, SUBODH, US
[71] BARDWAJ, SANTOSH, US
[22] 2016-10-28
[41] 2017-04-29
[30] US (62/248,166) 2015-10-29

---

[21] **2,946,837**
[13] A1
[51] **Int.Cl. E21B 33/068 (2006.01) E21B 33/03 (2006.01) E21B 34/02 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **MOBILE ZIPPER UNIT**
[54] **MODULE DE FERMETURE MOBILE**
[72] BOYD, MARK J., US
[72] THIBODEAUX, RICHARD A., US
[71] COMMANDO PRESSURE CONTROL LLC, US
[22] 2016-10-28
[41] 2017-04-29
[30] US (62/248,028) 2015-10-29

---

[21] **2,946,863**
[13] A1
[51] **Int.Cl. B66F 17/00 (2006.01) B65G 69/00 (2006.01) B66F 9/075 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SENSING A LOAD CARRIED BY A MATERIAL HANDLING VEHICLE**
[54] **SYSTEMES ET METHODE DE DETECTION D'UNE CHARGE PORTEE PAR UN VEHICULE DE TRAITEMENT DE MATERIAU**
[72] WEISS, JOSEPH ANDREW, US
[72] PATERSON, ROBERT, US
[71] THE RAYMOND CORPORATION, US
[22] 2016-10-28
[41] 2017-04-29
[30] US (62/247,976) 2015-10-29

[21] **2,946,933**
[13] A1
[51] **Int.Cl. H01J 49/04 (2006.01) G01N 27/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF DELICATE MEMBRANE CONDENSED PHASE MEMBRANE INTRODUCTION MASS SPECTROMETRY (CP-MIMS)**
[54] **SYSTEME ET METHODE DE SPECTROSCOPIE DE MASSE A INTRODUCTION DE MEMBRANE EN PHASE CONDENSEE DESTINES AUX MEMBRANES DELICATES**
[72] KROGH, ERIK, CA
[72] GILL, CHRISTOPHER, CA
[71] KROGH, ERIK, CA
[71] GILL, CHRISTOPHER, CA
[22] 2016-10-27
[41] 2017-04-27
[30] US (14/924,660) 2015-10-27

---

[21] **2,946,970**
[13] A1
[51] **Int.Cl. E02F 5/08 (2006.01)**
[25] EN
[54] **ACCESSORY FOR EXCAVATION OF A DITCH AND RELATED METHODS**
[54] **ACCESSOIRE DESTINE A L'EXCAVATION D'UN FOSSE ET METHODES ASSOCIEES**
[72] DESBIENS, REGIS, CA
[72] DUFOUR, CHRISTIAN, CA
[71] FRIO TRANSPORT INC., CA
[22] 2016-10-28
[41] 2017-04-28
[30] US (62/285,380) 2015-10-28

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[21] **2,947,055**
[13] A1
[51] **Int.Cl. B32B 1/08 (2006.01) F16L 9/147 (2006.01)**
[25] EN
[54] **MULTILAYER TUBE, PARTICULARLY FOR FLUIDS**
[54] **TUBE MULTICOUCHE, NOTAMMENT DESTINE AUX LIQUIDES**
[72] DEREGIBUS, ANDREA, IT
[72] SOETERBROEK, ALEXANDER J.A., NL
[71] FLUOR TUBING B.V., NL
[71] TUBIGOMMA DEREGIBUS S.R.L., IT
[22] 2016-10-25
[41] 2017-04-26
[30] IT (10 2015 000065127) 2015-10-26

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[21] **2,958,715**
[13] A1
[51] **Int.Cl. E21B 43/14 (2006.01) E21B 36/00 (2006.01) E21B 43/24 (2006.01) E21B 43/241 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRODUCING VISCOUS HYDROCARBONS FROM A SUBTERRANEAN FORMATION THAT INCLUDES OVERLYING INCLINED HETEROLITHIC STRATA**
[54] **SYSTEMES ET METHODES DE PRODUCTION D'HYDROCARBURES VISQUEUX A PARTIR D'UNE FORMATION SOUTERRAINE QUI COMPREND DES STRATES HETEROLITHIQUES INCLINEES CHEVAUCHANTES**
[72] KHALEDI, RAHMAN, CA
[72] MOTAHHARI, HAMED REZA, CA
[72] MAGENNIS, LOCHLANN, CA
[72] BOONE, THOMAS J., CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-02-23
[41] 2017-04-25

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[21] **2,958,922**
[13] A1
[51] **Int.Cl. C08F 297/00 (2006.01) H01M 8/1039 (2016.01)**
[25] EN
[54] **BLOCK PERFLUOROSULFONIC ACID IONOMER FOR IMPROVED FUEL CELL PERFORMANCE**
[54] **IONOMERE A BLOC FONCTIONNALISE PAR UN ACIDE PERFLUOROSULFONIQUE DESTINE A AMELIORER LE RENDEMENT DES PILES A COMBUSTIBLE**
[72] MCDERMID, SCOTT, CA
[72] THOMAS, OWEN, CA
[72] YANG, YUNSONG, CA
[72] ZOU, YUQUAN, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
[22] 2017-02-23
[41] 2017-04-26

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[21] **2,958,951**
[13] A1
[51] **Int.Cl. H04R 3/12 (2006.01) G09B 9/22 (2006.01) H04R 3/04 (2006.01)**
[25] EN
[54] **A SYSTEM FOR SELECTING A LOUDSPEAKER BASED ON ITS LOW FREQUENCY RENDERING**
[54] **UN SYSTEME DE SELECTION D'UN HAUT-PARLEUR FONDE SUR SON RENDU A BASSE FREQUENCE**
[72] AYOTTE, MAXIME, CA
[72] GIGUERE, MARC-ANDRE, CA
[71] CAE INC, CA
[22] 2017-02-24
[41] 2017-04-26

PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

[21] **2,941,277**
[13] A1
[51] **Int.Cl. A47J 37/07 (2006.01)**
[25] EN
[54] **SMOKE GENERATION COOKING SYSTEM AND METHODS**
[54] **APPAREIL DE CUISSON GENERANT DE LA FUMEE ET METHODES**
[72] COLSTON, MICHAEL, US
[71] TRAEGER PELLET GRILLS, LLC, US
[85] 2016-09-08
[86] 2016-06-24 (PCT/US2016/039271)
[87] (2941277)
[30] US (62/245,530) 2015-10-23

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[21] **2,951,824**
[13] A1
[51] **Int.Cl. C07D 281/10 (2006.01) A61K 31/554 (2006.01) A61P 1/10 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **NOVEL AMINOALKYLBENZOTHIAZEPINE DERIVATIVES AND USES THEREOF**
[54] **NOUVEAU DERIVE AMINOALKYLE BENZOTHIAZEPINE ET SON UTILISATION**
[72] JUNG, WON-HYUK, KR
[72] KIM, SEUNG IN, KR
[72] JI, SEUNG HEE, KR
[72] KO, DONG HYUN, KR
[72] SONG, SEOG BEOM, KR
[72] LEE, KEUN HO, KR
[72] JUN, HYUNG JIN, KR
[72] KIM, DONG KYU, KR
[72] KIM, DONG HYUN, KR
[71] CJ HEALTHCARE CORPORATION, KR
[85] 2016-12-09
[86] 2015-08-28 (PCT/KR2015/009044)
[87] (WO2016/064082)
[30] KR (10-2014-0141869) 2014-10-20
[30] KR (10-2015-0069949) 2015-05-19

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[21] **2,952,021**
[13] A1
[51] **Int.Cl. A21D 2/26 (2006.01) A21D 13/80 (2017.01) A21D 2/18 (2006.01) A21D 2/36 (2006.01) A21D 8/02 (2006.01) A21D 10/00 (2006.01)**
[25] EN
[54] **HEALTHY BISCUIT**
[54] **BISCUIT SAIN**
[72] AYMARD, PIERRE, FR
[72] VILLEMEJANE, CINDY, FR
[72] BERLAND, SOPHIE, FR
[72] MICHON, CAMILLE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[71] GENERALE BISCUIT, FR
[71] INSTITUT DES SCIENCES ET INDUSTRIES DU VIVANT ET DE L'ENVIRONNEMENT, FR
[85] 2016-12-12
[86] 2015-09-11 (PCT/EP2015/070819)
[87] (WO2016/038184)
[30] EP (14184662.6) 2014-09-12

---

[21] **2,952,541**
[13] A1
[51] **Int.Cl. C07D 237/04 (2006.01) A61K 31/50 (2006.01) A61K 31/53 (2006.01) A61P 31/20 (2006.01) C07D 237/14 (2006.01) C07D 253/07 (2006.01)**
[25] EN
[54] **NOVEL PYRIDAZONES AND TRIAZINONES FOR THE TREATMENT AND PROPHYLAXIS OF HEPATITIS B VIRUS INFECTION**
[54] **NOUVELLES PYRIDAZONES ET TRIAZINONES POUR LE TRAITEMENT ET LA PREVENTION DE L'INFECTION PAR LE VIRUS DE L'HEPATITE B**
[72] LIANG, CHUNGEN, CN
[72] PAN, SONG, CN
[72] YANG, SONG, CN
[72] WANG, JIANPING, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-12-15
[86] 2015-08-11 (PCT/EP2015/068406)
[87] (WO2016/023877)
[30] CN (PCT/CN2014/084356) 2014-08-14

---

[21] **2,954,097**
[13] A1
[51] **Int.Cl. C04B 2/06 (2006.01) C01F 11/02 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A MILK OF SLAKED LIME OF GREAT FINENESS AND MILK OF LIME OF GREAT FINENESS THEREBY OBTAINED**
[54] **PROCEDE DE FABRICATION D'UN LAIT DE CHAUX ETEINTE D'UNE GRANDE FINESSE ET LAIT DE CHAUX D'UNE GRANDE FINESSE AINSI OBTENU**
[72] KUTLUBAY, GALEN, US
[72] BALLARD, DEBORAH, US
[72] LAURENT, BERNARD, BE
[72] QUERTON, AUGUSTIN, BE
[71] S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, BE
[85] 2017-01-03
[86] 2015-09-07 (PCT/EP2015/070367)
[87] (WO2016/037972)
[30] US (62/047,357) 2014-09-08
[30] EP (PCT/EP2015/060114) 2015-05-07

---

[21] **2,955,493**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS AND REGIMENS**
[54] **COMPOSITIONS ET REGIMES DE SOIN BUCCAL**
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-17
[86] 2015-08-11 (PCT/US2015/044542)
[87] (WO2016/025414)
[30] US (62/038,190) 2014-08-15
[30] US (62/038,336) 2014-08-17

[21] **2,955,634**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61P 13/10 (2006.01) C07D 403/14 (2006.01)**
[25] EN
[54] **AZETIDINYLOXYPHENYLPYRROLIDINE COMPOUNDS**
[54] **COMPOSES D'AZETIDINYLOXYPHENYLPYRROLIDINE**
[72] DENG, GARY G., US
[72] HUANG, DANWEN, US
[72] JESUDASON, CYNTHIA DARSHINI, US
[72] ODINGO, JOSHUA O., US
[71] ELI LILLY AND COMPANY, US
[85] 2017-01-17
[86] 2015-09-03 (PCT/US2015/048267)
[87] (WO2016/040083)
[30] US (62/049,485) 2014-09-12

[21] **2,955,767**
[13] A1
[51] **Int.Cl. C12P 7/40 (2006.01) B01D 11/04 (2006.01) B01D 15/00 (2006.01) C12M 1/00 (2006.01) C12P 7/52 (2006.01) C12P 7/54 (2006.01)**
[25] FR
[54] **METHOD FOR EXTRACTING MOLECULES PRODUCED BY ANAEROBIC FERMENTATION FROM FERMENTABLE BIOMASS**
[54] **PROCEDE D'EXTRACTION DE MOLECULES PRODUITES PAR FERMENTATION ANAEROBIE A PARTIR DE BIOMASSE FERMENTESCIBLE**
[72] NOUAILLE, REGIS, FR
[72] PESSIOT, JEREMY, FR
[71] AFYREN, FR
[85] 2017-01-19
[86] 2015-07-17 (PCT/FR2015/051964)
[87] (WO2016/012698)
[30] FR (1457201) 2014-07-25

[21] **2,956,306**
[13] A1
[51] **Int.Cl. C07C 67/60 (2006.01) C07C 67/56 (2006.01)**
[25] EN
[54] **PROCESS FOR WORKUP OF A CRUDE ESTER COMPRISING ESTERIFICATION CATALYST HYDROLYSIS PRODUCT IN SUSPENDED PARTICULATE FORM**
[54] **PROCEDE DE TRAITEMENT D'UN ESTER BRUT, QUI CONTIENT UN PRODUIT D'HYDROLYSE DE CATALYSEUR D'ESTERIFICATION SOUS UNE FORME PARTICULAIRE EN SUSPENSION**
[72] MAKARCZYK, PIOTR, DE
[72] BREITSCHEIDEL, BORIS, DE
[72] ROESSLER-FEIGEL, BEATRICE, DE
[72] MUELHEIMS, KERSTIN, DE
[71] BASF SE, DE
[85] 2017-01-25
[86] 2015-07-29 (PCT/EP2015/067337)
[87] (WO2016/016285)
[30] EP (14179461.0) 2014-08-01

[21] **2,956,473**
[13] A1
[51] **Int.Cl. A01H 1/04 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR SELECTING MAIZE PLANTS WITH INCREASED EAR WEIGHT AND INCREASED YIELD**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE SELECTIONNER DES PLANTS DE MAIS AYANT UN POIDS D'EPIS ACCRU ET UN RENDEMENT ACCRU**
[72] ANDERSON, STEVEN, US
[72] CHING, ADA S., US
[72] LUCK, STANLEY, US
[72] RAFALSKI, J. ANTONI, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-01-26
[86] 2015-09-11 (PCT/US2015/049664)
[87] (WO2016/048686)
[30] US (62/053,828) 2014-09-23

[21] **2,956,512**
[13] A1
[51] **Int.Cl. C07D 295/155 (2006.01) A61K 31/18 (2006.01) A61K 31/421 (2006.01) A61K 31/44 (2006.01) A61K 31/5375 (2006.01) A61P 33/10 (2006.01) C07C 311/21 (2006.01) C07D 213/26 (2006.01) C07D 213/61 (2006.01) C07D 263/32 (2006.01)**
[25] EN
[54] **NOVEL SULFONYLAMINOBENZAMIDE COMPOUNDS AS ANTHELMINTICS**
[54] **NOUVEAUX COMPOSES SULFONYLAMINOBENZAMIDE UTILISES COMME ANTHELMINTIQUES**
[72] GAUVRY, NOELLE, CH
[72] TAHTAOUI, CHOUAIB, CH
[71] NOVARTIS TIERGESUNDHEIT AG, CH
[85] 2017-01-26
[86] 2015-08-27 (PCT/US2015/047214)
[87] (WO2016/033341)
[30] EP (14182960.6) 2014-08-29

[21] **2,956,514**
[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 5/26 (2006.01) A61P 19/08 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **TREATMENT OF ANDROGEN DEPRIVATION THERAPY ASSOCIATED SYMPTOMS**
[54] **TRAITEMENT DES SYMPTOMES ASSOCIES A UNE THERAPIE PAR DEPRIVATION ANDROGENIQUE**
[72] BENSON, CHARLES THOMAS, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-01-26
[86] 2015-09-08 (PCT/US2015/048801)
[87] (WO2016/040234)
[30] US (62/049,192) 2014-09-11

[21] **2,956,517**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4439 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **CRYSTALLINE (2S)-3-[(3S,4S)-3-[(1R)-1-HYDROXYETHYL]-4-(4-METHOXY-3-{[1-(5-METHYLPYRIDIN-2-YL)AZETIDIN-3-YL]OXY}PHENYL)-3-METHYLPYRROLIDIN-1-YL]-3-OXOPROPANE-1,2-DIOL**
[54] **(2S)-3-[(3S,4S)-3-[(1R)-1-HYDROXYETHYL]-4-(4-METHOXY-3-{[1-(5-METHYLPYRIDIN-2-YL)AZETIDIN-3-YL]OXY}PHENYL) -3-METHYLPYRROLIDIN-1-YL]-3-OXOPROPANE-1,2-DIOL CRISTALLIN**
[72] HUANG, PING, US
[72] RIBE, SETH DIETRICH, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-01-26
[86] 2015-08-28 (PCT/US2015/047415)
[87] (WO2016/036596)
[30] CN (PCT/CN2014/085925) 2014-09-04

---

[21] **2,956,633**
[13] A1
[51] **Int.Cl. C01G 21/16 (2006.01) C01G 21/00 (2006.01) C01G 23/04 (2006.01) H01L 31/0256 (2006.01) H01L 31/04 (2014.01) H01L 31/18 (2006.01) H01L 49/02 (2006.01) C09D 11/00 (2014.01)**
[25] EN
[54] **METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS**
[54] **PROCEDE DE FORMULATION DE MATERIAUX DE CELLULE SOLAIRE A BASE DE PEROVSKITE**
[72] IRWIN, MICHAEL D., US
[72] CHUTE, JERRED A., US
[72] DHAS, VIVEK V., US
[71] HUNT ENERGY ENTERPRISES, L.L.C., US
[85] 2017-01-27
[86] 2015-07-30 (PCT/US2015/042864)
[87] (WO2016/019124)
[30] US (62/032,137) 2014-08-01
[30] US (14/711,330) 2015-05-13

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[21] **2,956,870**
[13] A1
[51] **Int.Cl. A61K 33/26 (2006.01) A61K 47/26 (2006.01) A61K 47/36 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **IRON (III) HYDROXIDE COMPLEXES WITH ACTIVATED GLUCOSE SYRUPS AND PROCESS FOR PREPARING SAME**
[54] **COMPLEXES D'HYDROXYDE DE FER(III) AVEC DES SIROPS DE GLUCOSE ACTIVES ET PROCEDE POUR LEUR PREPARATION**
[72] TSETI, IOULIA, GR
[71] TSETI, IOULIA, GR
[85] 2017-01-31
[86] 2015-07-28 (PCT/EP2015/067216)
[87] (WO2016/045826)
[30] EP (14386023.7) 2014-09-22

---

[21] **2,956,964**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/21 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS WITH AN ENHANCED SENSORY EXPERIENCE**
[54] **COMPOSITIONS POUR L'HYGIENE BUCCO-DENTAIRE AMELIORANT LES PERCEPTIONS SENSORIELLES**
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-31
[86] 2015-08-13 (PCT/US2015/045024)
[87] (WO2016/025694)
[30] US (62/038,187) 2014-08-15

---

[21] **2,956,966**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/21 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DENTIFRICE WITH INCREMENTAL CHEMISTRIES**
[54] **DENTIFRICE COMPRENANT DES AGENTS CHIMIQUES INCREMENTIELS**
[72] SAGEL, PAUL ALBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-31
[86] 2015-08-13 (PCT/US2015/045026)
[87] (WO2016/025695)
[30] US (62/038,185) 2014-08-15
[30] US (62/038,335) 2014-08-17

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[21] **2,957,043**
[13] A1
[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **A TETRAHYDROPYRROLO[3,4-D][1,3]THIAZINE-DERIVATIVE AS BACE INHIBITOR**
[54] **DERIVE DE TETRAHYDROPYRROLO[3,4-D][1,3]THIAZINE EN TANT QU'INHIBITEUR DE BACE**
[72] COATES, DAVID ANDREW, US
[72] LOSADA, PABLO GARCIA, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-01-31
[86] 2015-09-08 (PCT/US2015/048788)
[87] (WO2016/043996)
[30] EP (14382347.4) 2014-09-15

---

[21] **2,957,668**
[13] A1
[51] **Int.Cl. A01K 13/00 (2006.01) A45D 24/00 (2006.01)**
[25] FR
[54] **COMB FOR A BRUSH FOR GROOMING ANIMAL FUR**
[54] **PEIGNE POUR BROSSE DE TOILETTAGE DE LA FOURRURE DES ANIMAUX**
[72] CATHAUD, EDDY, FR
[72] BERGER, JACQUELINE JEANNE CLEMENCE, FR
[72] DEBIAUNE, XAVIER, FR
[71] SSERTSON GROUP, FR
[85] 2017-02-08
[86] 2015-07-15 (PCT/EP2015/066116)
[87] (WO2016/023699)
[30] FR (FR1457732) 2014-08-09

[21] **2,957,845**
[13] A1
[51] **Int.Cl. B23K 26/352 (2014.01) B23K 26/06 (2014.01)**
[25] FR
[54] **ANNEALING METHOD USING FLASH LAMPS**
[54] **PROCEDE DE RECUIT PAR LAMPES FLASH**
[72] CANOVA, LORENZO, FR
[72] MIMOUN, EMMANUEL, FR
[72] DUBOST, BRICE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-02-09
[86] 2015-08-20 (PCT/FR2015/052238)
[87] (WO2016/038269)
[30] FR (1458520) 2014-09-11

---

[21] **2,957,947**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4709 (2006.01) C07D 213/79 (2006.01) C07D 401/14 (2006.01) C07D 409/14 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR INHIBITING HISTONE DEMETHYLASES**
[54] **COMPOSES ET PROCEDES D'INHIBITION DES HISTONES DEMETHYLASES**
[72] BOESEN, THOMAS, DK
[72] LABELLE, MARC, US
[72] YANG, YING, US
[72] SARASWAT, NEERJA, CA
[72] DUDEKULA, DASTAGIRI, CA
[72] COOK, CYRIL JOHN, CA
[72] VAKITI, RAMKRISHNA REDDY, CA
[72] ZHANG, RUI, CA
[72] ULLAH, FARMAN, CA
[71] GILEAD SCIENCES, INC., US
[85] 2017-02-10
[86] 2015-08-26 (PCT/US2015/046921)
[87] (WO2016/033169)
[30] US (62/042,717) 2014-08-27

---

[21] **2,957,966**
[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 47/10 (2017.01) A61K 47/30 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR STABILIZING AND DELIVERING PROTEINS**
[54] **COMPOSITIONS DE STABILISATION ET D'ADMINISTRATION DE PROTEINES**
[72] FURTADO, STACIA, US
[72] EGILMEZ, NEJAT, US
[72] CONWAY, THOMAS, US
[72] MATHIOWITZ, EDITH, US
[71] BROWN UNIVERSITY, US
[71] THERAPYX, INC., US
[85] 2017-02-10
[86] 2015-08-14 (PCT/US2015/045402)
[87] (WO2016/025911)
[30] US (62/037,492) 2014-08-14

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[21] **2,958,271**
[13] A1
[51] **Int.Cl. A23L 27/30 (2016.01) A23L 27/00 (2016.01) A23L 27/21 (2016.01) A23L 29/00 (2016.01) A23L 29/25 (2016.01) A23L 2/56 (2006.01) C07H 15/256 (2006.01)**
[25] EN
[54] **A FLAVOR MODIFYING COMPOSITION, USES THEREOF AND PRODUCTS COMPRISING THE SAME**
[54] **COMPOSITION MODIFIANT L'AROME, SES UTILISATIONS ET PRODUITS EN CONTENANT**
[72] MAYMON, YUVAL, IL
[72] GORDIN, AVNER, IL
[72] COHEN, JEFF, US
[72] DWECK, JACK, US
[71] UNAVOO FOOD TECHNOLOGIES LTD., IL
[85] 2017-02-16
[86] 2015-09-08 (PCT/IL2015/050907)
[87] (WO2016/038603)
[30] IL (234525) 2014-09-08

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[21] **2,958,428**
[13] A1
[51] **Int.Cl. A61K 8/44 (2006.01) A61K 8/34 (2006.01) A61K 8/37 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **COSMETIC COMPOSITIONS AND METHODS FOR INHIBITING MELANIN SYNTHESIS**
[54] **COMPOSITIONS COSMETIQUES ET PROCEDES D'INHIBITION DE LA SYNTHESE DE MELANINE**
[72] LAUGHLIN, LEO TIMOTHY, II, US
[72] HAKOZAKI, TOMOHIRO, US
[72] GUPTA, SHIKHAR, SG
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-15
[86] 2015-09-11 (PCT/US2015/049611)
[87] (WO2016/040757)
[30] US (62/049,620) 2014-09-12

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[21] **2,958,479**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/02 (2006.01) C07K 16/30 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-CLL-1 ANTIBODIES AND IMMUNOCONJUGATES**
[54] **ANTICORPS ANTI-CLL-1 ET IMMUNOCONJUGUES**
[72] ZHENG, BING, US
[72] POLSON, ANDREW, US
[72] CHIU, CECILIA, US
[72] LIANG, WEI-CHING, US
[72] WU, YAN, US
[71] GENENTECH, INC., US
[85] 2017-02-16
[86] 2015-09-11 (PCT/US2015/049794)
[87] (WO2016/040868)
[30] US (62/049,876) 2014-09-12

[21] **2,958,498**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 84/12 (2009.01) H04W 88/10 (2009.01) H04B 15/00 (2006.01)**
[25] EN
[54] **RADIO BASE STATION AND SYSTEM HAVING SAID RADIO BASE STATION**
[54] **STATION DE RADIOCOMMUNICATION DE BASE ET SYSTEME AVEC LADITE STATION DE RADIOCOMMUNICATION DE BASE**
[72] ROSSL, ANDREAS, AT
[71] IMAGOTAG GMBH, AT
[85] 2017-02-17
[86] 2014-09-23 (PCT/EP2014/070245)
[87] (WO2016/045707)

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[21] **2,958,578**
[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) C07K 1/00 (2006.01)**
[25] EN
[54] **TUMOR NECROSIS FACTOR SUPERFAMILY AND TNF-LIKE LIGAND MUTEINS AND METHODS OF PREPARING AND USING THE SAME**
[54] **MUTEINES DE LIGANDS DE LA SUPERFAMILLE DU FACTEUR DE NECROSE TUMORALE (TNFSF) ET DE LIGANDS DE TYPE TNF ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] FAUSTMAN, DENISE L., US
[72] VANAMEE, EVA, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2017-02-17
[86] 2015-08-20 (PCT/US2015/046152)
[87] (WO2016/029043)
[30] US (62/040,297) 2014-08-21

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[21] **2,958,651**
[13] A1
[51] **Int.Cl. A23L 33/00 (2016.01) A23L 33/10 (2016.01) A23L 33/15 (2016.01) A23L 33/16 (2016.01)**
[25] EN
[54] **SUPPLEMENT FOR A BREASTFEEDING WOMAN**
[54] **SUPPLEMENT POUR UNE FEMME ALLAITANTE**
[72] FORRELLI, TARYN LOUISE, US
[72] RIGBY, GRAHAM ROBERT MICHAEL, US
[72] SCHULICK, PAUL, US
[71] NEW CHAPTER INC., US
[85] 2017-02-17
[86] 2015-09-10 (PCT/US2015/049392)
[87] (WO2016/044056)
[30] US (14/487,586) 2014-09-16

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[21] **2,958,736**
[13] A1
[51] **Int.Cl. A61F 2/38 (2006.01) A61F 2/30 (2006.01)**
[25] EN
[54] **CONSTRAINED SPACER DEVICE FOR THE KNEE JOINT**
[54] **DISPOSITIF D'ESPACEMENT CONTRAINT POUR ARTICULATION DU GENOU**
[72] FACCIOLI, GIOVANNI, IT
[72] SOFFIATTI, RENZO, IT
[71] TECRES S.P.A., IT
[85] 2017-02-13
[86] 2015-06-30 (PCT/IB2015/054925)
[87] (WO2016/046655)
[30] IT (VR2014A000233) 2014-09-23

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[21] **2,958,742**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/437 (2006.01) A61K 31/4439 (2006.01) A61K 31/444 (2006.01) A61K 31/4545 (2006.01) A61K 31/4709 (2006.01) A61K 31/506 (2006.01) A61K 31/5377 (2006.01) A61K 31/5383 (2006.01) A61P 31/18 (2006.01) C07D 401/12 (2006.01) C07D 405/14 (2006.01) C07D 413/14 (2006.01) C07D 493/04 (2006.01) C07D 498/04 (2006.01)**
[25] EN
[54] **ANTIRETROVIRAL AGENTS**
[54] **AGENTS ANTIRETROVIRAUX**
[72] BRIZGYS, GEDIMINAS, US
[72] CANALES, EDA, US
[72] HALCOMB, RANDALL L., US
[72] HU, YUNFENG ERIC, US
[72] KATO, DARRYL, US
[72] LINK, JOHN O., US
[72] LIU, QI, US
[72] SAITO, ROLAND D., US
[72] TSE, WINSTON C., US
[72] ZHANG, JENNIFER R., US
[71] GILEAD SCIENCES, INC., US
[85] 2017-02-13
[86] 2015-08-26 (PCT/US2015/047040)
[87] (WO2016/033243)
[30] US (62/044,135) 2014-08-29

---

[21] **2,958,760**
[13] A1
[51] **Int.Cl. G01N 21/71 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OBTAINING GEOCHEMISTRY INFORMATION FROM PYROLYSIS INDUCED BY LASER INDUCED BREAKDOWN SPECTROSCOPY**
[54] **PROCEDE ET SYSTEME POUR L'OBTENTION D'INFORMATIONS GEOCHIMIQUES PROVENANT DE LA PYROLYSE INDUITE PAR UNE SPECTROSCOPIE PAR CLAQUAGE INDUIT PAR LASER**
[72] WASHBURN, KATHRYN ELIZABETH, US
[71] INGRAIN, INC., US
[85] 2017-02-15
[86] 2015-08-17 (PCT/US2015/045451)
[87] (WO2016/028658)
[30] US (62/038,950) 2014-08-19
[30] US (62/150,860) 2015-04-22

[21] **2,958,777**
[13] A1
[51] **Int.Cl. A23K 50/80 (2016.01) A23K 20/142 (2016.01) A23K 20/20 (2016.01)**
[25] EN
[54] **A FISH FEED AND METHOD FOR SMOLTIFICATION AND PREVENTION OF DESMOLTIFICATION IN SALMONIDAE, AND FOR PROPHYAXIS AND TREATMENT OF HAEMORRHAGIC SMOLT SYNDROME (HSS) IN SALMONIDAE**
[54] **ALIMENT POUR POISSONS ET PROCEDE DE SMOLTIFICATION ET DE PREVENTION DE LA DESMOLTIFICATION CHEZ LES SALMONIDES, ET DE PROPHYLAXIE ET DE TRAITEMENT DU SYNDROME DU SMOLT HEMORRAGIQUE (SSH) CHEZ LES SALMONIDES**
[72] NORDLY, JIM ROGER, NO
[72] LYNGOY, ARTHUR, NO
[72] MANSILLA, CLAUDIO RETAMAL, CL
[71] EUROPHARMA AS, NO
[85] 2017-02-21
[86] 2015-09-22 (PCT/EP2015/071684)
[87] (WO2016/046182)
[30] US (62/053,826) 2014-09-23

---

[21] **2,958,807**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/705 (2006.01) C07K 14/71 (2006.01) C07K 14/725 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES**
[72] BONDANZA, ATTILIO, IT
[72] CASUCCI, MONICA, IT
[72] BONINI, MARIA CHIARA, IT
[71] MOLMED SPA, IT
[85] 2017-02-21
[86] 2015-09-14 (PCT/IB2015/057049)
[87] (WO2016/042461)
[30] EP (14184838.2) 2014-09-15

---

[21] **2,958,895**
[13] A1
[51] **Int.Cl. B61H 5/00 (2006.01) B61H 13/00 (2006.01)**
[25] EN
[54] **PISTON STROKE SENSOR ARRANGEMENT FOR A BRAKE UNIT**
[54] **AGENCEMENT DE CAPTEUR DE COURSE DE PISTON POUR UNE UNITE DE FREINAGE**
[72] FINCH, GLYN A., JR., US
[72] KOON, MARIA, US
[72] MATHERN, PETER D., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[85] 2017-02-21
[86] 2015-09-09 (PCT/US2015/049109)
[87] (WO2016/040430)
[30] US (14/483,329) 2014-09-11

---

[21] **2,958,929**
[13] A1
[51] **Int.Cl. H04H 20/42 (2009.01) H04N 21/436 (2011.01) H04L 12/721 (2013.01) H04N 5/268 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR USING GRAPH MODELING TO MANAGE, MONITOR, AND CONTROL BROADCAST AND MULTIMEDIA SYSTEMS**
[54] **SYSTEMES ET PROCEDES PERMETTANT D'UTILISER LA MODELISATION PAR GRAPHES POUR GERER, SURVEILLER ET COMMANDER DES SYSTEMES DE DIFFUSION MULTIMEDIAS**
[72] GRANDILLO, ROBERTO, CA
[72] CORMIER, MARIO, CA
[71] GRASS VALLEY USA, LLC, US
[85] 2017-02-21
[86] 2015-08-21 (PCT/US2015/046379)
[87] (WO2016/029160)
[30] US (62/040,786) 2014-08-22

---

[21] **2,958,953**
[13] A1
[51] **Int.Cl. C07K 16/18 (2006.01) C07K 14/05 (2006.01) C07K 14/145 (2006.01) C07K 16/00 (2006.01) C07K 19/00 (2006.01) C12N 1/21 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **NANOBODIES SUITABLE FOR NEURON REGENERATION THERAPY**
[54] **NANOCORPS SE PRETANT AUX THERAPIES DE REGENERATION NEURONALE**
[72] PREHAUD, CHRISTOPHE, FR
[72] LAFON, MONIQUE, FR
[72] LAFAYE, PIERRE, FR
[71] INSTITUT PASTEUR, FR
[85] 2017-02-22
[86] 2015-09-09 (PCT/EP2015/070669)
[87] (WO2016/038122)
[30] EP (14306388.1) 2014-09-09

---

[21] **2,958,957**
[13] A1
[51] **Int.Cl. A61N 1/05 (2006.01) A61L 27/02 (2006.01) A61L 27/30 (2006.01) A61L 31/02 (2006.01)**
[25] EN
[54] **IMPLANTABLE ELECTRODE**
[54] **ELECTRODE IMPLANTABLE**
[72] LENOBLE, DAMIEN, BE
[72] THOMANN, JEAN-SEBASTIEN, FR
[72] PALISSOT, VALERIE, FR
[71] LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST), LU
[85] 2017-02-22
[86] 2015-09-10 (PCT/EP2015/070759)
[87] (WO2016/038161)
[30] LU (LU92540) 2014-09-10

[21] **2,958,966**
[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/433 (2006.01) A61K 31/437 (2006.01) A61K 31/443 (2006.01) A61K 31/498 (2006.01) A61K 31/502 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 413/12 (2006.01) C07D 413/14 (2006.01) C07D 417/12 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **GLYCOSIDASE INHIBITORS**
[54] **INHIBITEURS DE GLYCOSIDASES**
[72] QUATTROPANI, ANNA, CH
[72] KULKARNI, SANTOSH S., IN
[72] GIRI, AWADUT GAJENDRA, IN
[71] ASCENEURON SA, CH
[85] 2017-02-22
[86] 2015-08-27 (PCT/EP2015/069598)
[87] (WO2016/030443)
[30] IN (2766/MUM/2014) 2014-08-28

[21] **2,959,102**
[13] A1
[51] **Int.Cl. G09F 3/06 (2006.01) B29C 47/06 (2006.01) H01R 9/24 (2006.01) H01R 13/46 (2006.01)**
[25] EN
[54] **MARKING STRIP**
[54] **BANDES DE MARQUAGE**
[72] SPEITH, MARKUS, DE
[72] WIENEKE, ANDREAS, DE
[72] SCHREIBER, DIETMAR, DE
[72] RIEKE, THORSTEN, DE
[72] BETT, THORSTEN, DE
[72] SCHNEIDER, MAXIMILIAN, DE
[72] ROSIN, MAXIMILIAN, DE
[72] HULSMANN, RENE, DE
[71] WEIDMULLER INTERFACE GMBH & CO. KG, DE
[85] 2017-02-23
[86] 2015-08-31 (PCT/EP2015/069813)
[87] (WO2016/037874)
[30] DE (10 2014 113 075.8) 2014-09-10
[30] DE (10 2015 109 020.1) 2015-06-08

[21] **2,959,157**
[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) H02J 1/10 (2006.01) H03K 17/30 (2006.01) H03K 17/693 (2006.01)**
[25] EN
[54] **CIRCUITS AND METHODS USING PARALLEL, SEPARATE BATTERY CELLS**
[54] **CIRCUITS ET PROCEDES AYANT RECOURS A DES ELEMENTS DE BATTERIE DISTINCTS ET PARALLELES**
[72] JONELY, MICHAEL B., US
[71] MASTER LOCK COMPANY LLC, US
[85] 2017-02-23
[86] 2015-08-25 (PCT/US2015/046652)
[87] (WO2016/033013)
[30] US (62/041,198) 2014-08-25

[21] **2,959,164**
[13] A1
[51] **Int.Cl. A61L 27/54 (2006.01) A61L 27/40 (2006.01) A61L 27/46 (2006.01) A61L 27/56 (2006.01) C07K 14/475 (2006.01) C07K 14/65 (2006.01)**
[25] EN
[54] **IMPROVED OSTEOINDUCTIVE SUBSTRATES AND METHODS OF MAKING THE SAME**
[54] **SUBSTRATS D'OSTEOINDUCTION PERFECTIONNES ET LEURS PROCEDES DE FABRICATION**
[72] WILSON, CHRISTOPHER G., US
[72] VANDERPLOEG, ERIC J., US
[72] SEEHERMAN, HOWARD, US
[72] DECKER, ZACHARY, US
[72] SCHMIDT, ERIC, US
[72] MOORE, BETHANY, US
[72] HEUBECK, ALEXANDER, US
[71] BIOVENTUS, LLC, US
[85] 2017-02-23
[86] 2015-08-28 (PCT/US2015/047571)
[87] (WO2016/043955)
[30] US (62/043,356) 2014-08-28
[30] US (62/155,835) 2015-05-01

[21] **2,959,184**
[13] A1
[51] **Int.Cl. A61K 9/50 (2006.01) A61J 3/06 (2006.01) A61K 9/52 (2006.01) A61K 31/137 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING A CORE WITH AN ACTIVE COATING**
[54] **PROCEDE POUR FABRIQUER UN NOYAU AVEC UN REVETEMENT ACTIF**
[72] ANNESS, DAREN K., US
[72] DANSEREAU, RICHARD JOHN, US
[72] REDMAN-FUREY, NANCY LEE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-23
[86] 2015-09-18 (PCT/US2015/050893)
[87] (WO2016/044703)
[30] US (62/052,598) 2014-09-19

[21] **2,959,186**
[13] A1
[51] **Int.Cl. A61K 9/52 (2006.01) A61K 31/137 (2006.01) A61P 11/02 (2006.01)**
[25] EN
[54] **PULSED RELEASE PHENYLEPHRINE DOSAGE FORMS**
[54] **FORMES POSOLOGIQUES A LIBERATION PULSEE DE PHENYLEPHRINE**
[72] DANSEREAU, RICHARD JOHN, US
[72] ANNESS, DAREN K., US
[72] RAMSEY, DAVID L., US
[72] BALAN, GUHAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-23
[86] 2015-09-18 (PCT/US2015/050894)
[87] (WO2016/044704)
[30] US (62/052,594) 2014-09-19

[21] **2,959,245**
[13] A1
[51] **Int.Cl. A01H 5/12 (2006.01) A01H 5/00 (2006.01) A24B 15/24 (2006.01) C12N 9/06 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **REDUCING TOBACCO SPECIFIC NITROSAMINES THROUGH ALTERATION OF THE NITRATE ASSIMILATION PATHWAY**
[54] **REDUCTION DE NITROSAMINES SPECIFIQUES DU TABAC PAR MODIFICATION DE LA VOIE D'ASSIMILATION DES NITRATES**
[72] LU, JIANLI, US
[72] LEWIS, RAMSEY S., US
[72] DEWEY, RALPH, US
[72] BOVET, LUCIEN, CH
[71] PHILIP MORRIS PRODUCTS S.A, CH
[71] NORTH CAROLINA STATE UNIVERSITY, US
[85] 2017-02-24
[86] 2015-09-23 (PCT/EP2015/071919)
[87] (WO2016/046288)
[30] EP (14186705.1) 2014-09-26
[30] EP (14194798.6) 2014-11-25

[21] **2,959,279**
[13] A1
[51] **Int.Cl. H01F 3/06 (2006.01) H01F 1/42 (2006.01) H01F 27/25 (2006.01) H01F 41/02 (2006.01) H01Q 7/06 (2006.01)**
[25] EN
[54] **FLEXIBLE SOFT MAGNETIC CORE, ANTENNA WITH FLEXIBLE SOFT MAGNETIC CORE AND METHOD FOR PRODUCING A FLEXIBLE SOFT MAGNETIC CORE**
[54] **NOYAU A AIMANTATION TEMPORAIRE FLEXIBLE, ANTENNE AVEC NOYAU A AIMANTATION TEMPORAIRE FLEXIBLE ET PROCEDE POUR FABRIQUER UN NOYAU A AIMANTATION TEMPORAIRE FLEXIBLE**
[72] NAVARRO PEREZ, FRANCISCO EZEQUIEL, ES
[72] ROJAS CUEVAS, ANTONIO, ES
[71] PREMO, SL, ES
[85] 2017-02-24
[86] 2015-07-24 (PCT/IB2015/001238)
[87] (WO2016/038434)
[30] EP (14003109.7) 2014-09-09

[21] **2,959,308**
[13] A1
[51] **Int.Cl. B01D 21/01 (2006.01) C02F 1/00 (2006.01) C02F 11/12 (2006.01)**
[25] EN
[54] **PROCESS AND APPARATUS FOR SEPARATING VALUABLE OR HARMFUL LIQUIDS FROM SLURRIES**
[54] **PROCESSUS ET APPAREIL DE SEPARATION DE LIQUIDES DE VALEUR OU DANGEREUX DE SUSPENSIONS**
[72] NAZZER, CRAIG, NZ
[71] PRIME SERVICES TRUSTEE LIMITED, NZ
[85] 2017-02-24
[86] 2015-08-25 (PCT/NZ2015/050120)
[87] (WO2016/032344)
[30] NZ (629329) 2014-08-25

[21] **2,959,402**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A01H 5/00 (2006.01) A01N 63/00 (2006.01) A01P 7/04 (2006.01) C07H 21/02 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS TO CONTROL INSECT PESTS**
[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE DES INSECTES NUISIBLES**
[72] HU, XU, US
[72] NIU, XIPING, US
[72] ONEAL, MEGHAN, US
[72] PRESNAIL, JAMES K., US
[72] RICHTMAN, NINA, US
[72] ZHAO, JOE, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2017-02-24
[86] 2015-08-31 (PCT/US2015/047697)
[87] (WO2016/043960)
[30] US (62/051,894) 2014-09-17

[21] **2,959,426**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **HORIZONTAL-FLOW OIL SANDS SEPARATOR FOR AN AQUEOUS EXTRACTION PROCESS**
[54] **SEPARATEUR DE SABLES BITUMINEUX A ECOULEMENT HORIZONTAL POUR PROCEDE D'EXTRACTION AQUEUSE**
[72] STEINHAUSER, ANDREW P., US
[72] GRAVE, EDWARD J., US
[72] OLDENBURG, PAUL D., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-02-24
[86] 2015-09-17 (PCT/US2015/050571)
[87] (WO2016/064495)
[30] US (62/067,280) 2014-10-22

[21] **2,959,428**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A01K 67/027 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C07K 16/00 (2006.01) C12N 5/10 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12N 15/62 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES**
[72] THURSTON, GAVIN, US
[72] MURPHY, ANDREW J., US
[72] MACDONALD, LYNN, US
[72] MCWHIRTER, JOHN, US
[72] TU, NAXIN, US
[72] GURER, CAGAN, US
[72] VORONINA, VERA, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-02-24
[86] 2015-09-18 (PCT/US2015/050975)
[87] (WO2016/044745)
[30] US (62/052,947) 2014-09-19
[30] US (62/052,901) 2014-09-19
[30] US (62/076,836) 2014-11-07
[30] US (62/094,603) 2014-12-19
[30] US (62/167,650) 2015-05-28

[21] **2,959,555**
[13] A1
[51] **Int.Cl. C11B 9/00 (2006.01) A23L 27/00 (2016.01) A61L 9/01 (2006.01) A61Q 19/00 (2006.01) C11D 3/50 (2006.01) C11D 7/22 (2006.01) G06F 17/10 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD OF MAKING PERFUMED GOODS**
[54] **PROCEDE DE FABRICATION D'ARTICLES PARFUMES**
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] MADHAV, PRAKASH J., US
[72] STANTON, DAVID THOMAS, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-27
[86] 2015-09-25 (PCT/US2015/052088)
[87] (WO2016/049393)
[30] US (62/055,844) 2014-09-26
[30] US (62/143,862) 2015-04-07

---

[21] **2,959,578**
[13] A1
[51] **Int.Cl. H04R 1/10 (2006.01) H04W 84/18 (2009.01)**
[25] EN
[54] **HEADSETS WITH EXTERNAL SPEAKERS WITH PREDETERMINED SHAPES AND DESIGNS**
[54] **CASQUES D'ECOUTE A HAUT-PARLEURS EXTERNES AYANT DES FORMES ET CONCEPTIONS PREDETERMINEES**
[72] YAN, WENQING, US
[72] HU, VICTORIA, US
[71] AXENT WEAR, INC., US
[85] 2017-02-27
[86] 2015-09-18 (PCT/US2015/051066)
[87] (WO2016/044795)
[30] US (14/491,934) 2014-09-19

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[21] **2,959,579**
[13] A1
[51] **Int.Cl. G01N 1/28 (2006.01) C12Q 1/48 (2006.01) G01N 33/487 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **BIOMARKER ASSAY**
[54] **DOSAGE DE BIOMARQUEURS**
[72] LEAKER, BRIAN, GB
[71] RESPIRATORY CLINICAL TRIALS LTD, GB
[85] 2017-02-28
[86] 2015-08-28 (PCT/GB2015/052508)
[87] (WO2016/030697)
[30] US (62/043,456) 2014-08-29
[30] GB (1415343.1) 2014-08-29

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[21] **2,959,590**
[13] A1
[51] **Int.Cl. H02J 9/08 (2006.01) H02H 3/24 (2006.01) H02J 3/14 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SWITCHING AN ELECTRICAL SYSTEM TO BACKUP POWER DURING A UTILITY POWER OUTAGE**
[54] **SYSTEME ET PROCEDE DE COMMUTATION D'UN SYSTEME ELECTRIQUE SUR UNE ALIMENTATION DE SECOURS PENDANT UNE COUPURE DE SECTEUR**
[72] ELDRIDGE, DAVID A., US
[72] ROGERS, BRANDON J., US
[72] MUELLER, MAXIMILIAN A., US
[72] THOMPSON, RONALD L., US
[71] EATON CORPORATION, US
[85] 2017-02-28
[86] 2015-04-06 (PCT/US2015/024423)
[87] (WO2016/036419)
[30] US (62/045,864) 2014-09-04

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[21] **2,959,670**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C40B 30/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS, METHODS AND KITS FOR DIAGNOSIS OF A GASTROENTEROPANCREATIC NEUROENDOCRINE NEOPLASM**
[54] **COMPOSITIONS, PROCEDES ET TROUSSES POUR LE DIAGNOSTIC DE NEOPLASME NEUROENDOCRINIEN GASTROENTEROPANCREATIQUE**
[72] MODLIN, IRVIN MARK, US
[72] KIDD, MARK, US
[72] DROZDOV, IGNAT, GB
[71] CLIFTON LIFE SCIENCES LLC, KN
[85] 2017-02-28
[86] 2015-09-15 (PCT/US2015/050274)
[87] (WO2016/044330)
[30] US (62/050,465) 2014-09-15

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[21] **2,959,697**
[13] A1
[51] **Int.Cl. A61L 9/01 (2006.01) C11B 9/00 (2006.01) C11D 3/22 (2006.01)**
[25] EN
[54] **DELIVERY SYSTEMS COMPRISING MALODOR REDUCTION COMPOSITIONS**
[54] **SYSTEMES D'ADMINISTRATION COMPRENANT DES COMPOSITIONS DE REDUCTION DES MAUVAISES ODEURS**
[72] FRANKENBACH, GAYLE MARIE, US
[72] HOLLINGSHEAD, JUDITH ANN, US
[72] HORENZIAK, STEVEN ANTHONY, US
[72] SMETS, JOHAN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-02-28
[86] 2015-09-25 (PCT/US2015/052225)
[87] (WO2016/049458)
[30] US (62/055,844) 2014-09-26
[30] US (62/143,862) 2015-04-07

[21] **2,959,702**
[13] A1
[51] **Int.Cl. H01L 27/148 (2006.01) H04N 5/351 (2011.01) H04N 5/374 (2011.01) H01L 31/0232 (2014.01) H04N 13/02 (2006.01)**
[25] EN
[54] **VARIABLE RESOLUTION PIXEL**
[54] **PIXEL A RESOLUTION VARIABLE**
[72] COHEN, DAVID, US
[72] TADMOR, EREZ, US
[72] YAHAV, GIORA, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-02-28
[86] 2015-09-08 (PCT/US2015/048775)
[87] (WO2016/040219)
[30] US (14/479,381) 2014-09-08

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[21] **2,959,707**
[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01) H04W 8/22 (2009.01) G05B 19/042 (2006.01)**
[25] EN
[54] **HOME AUTOMATION CONTROL USING CONTEXT SENSITIVE MENUS**
[54] **COMMANDE DOMOTIQUE A L'AIDE DE MENUS SENSIBLES AU CONTEXTE**
[72] BURTON, DAVID, GB
[71] ECHOSTAR TECHNOLOGIES INTERNATIONAL CORPORATION, US
[85] 2017-03-01
[86] 2015-09-03 (PCT/GB2015/052544)
[87] (WO2016/034880)
[30] US (14/476,337) 2014-09-03

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[21] **2,959,714**
[13] A1
[51] **Int.Cl. C07D 413/14 (2006.01) A61K 31/4545 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 9/00 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **COMPOUND HAVING GPR119 AGONISTIC ACTIVITY, METHOD FOR PREPARING THE SAME, AND PHARMACEUTICAL COMPOSITION INCLUDING THE SAME AS EFFECTIVE COMPONENT**
[54] **COMPOSE AYANT UNE ACTIVITE AGONISTE GPR119, PROCEDE POUR LE PREPARER, ET COMPOSITION PHARMACEUTIQUE LE COMPRENANT COMME CONSTITUANT EFFICACE**
[72] YANG, JAE SUNG, KR
[72] BAEK, GYE RIM, KR
[72] KIM, YOON JUNG, KR
[72] AHN, CHI YOUNG, KR
[72] LEE, JAE YOUNG, KR
[72] JUNG, IL HOON, KR
[72] KIM, MI KYUNG, KR
[72] KANG, SO MI, KR
[72] LEE, HYO JU, KR
[72] CHAE, YU NA, KR
[72] CHEONG, YE HWANG, KR
[72] KIM, TAE HYOUNG, KR
[72] YANG, EUN KYOUNG, KR
[72] SON, MOON HO, KR
[72] SHIN, CHANG YELL, KR
[71] DONG-A ST CO., LTD., KR
[85] 2017-03-01
[86] 2015-07-24 (PCT/KR2015/007715)
[87] (WO2016/068453)
[30] KR (10-2014-0146462) 2014-10-27
[30] KR (10-2015-0090708) 2015-06-25

---

[21] **2,959,718**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) H04W 4/00 (2009.01) H04N 21/60 (2011.01) H04L 12/58 (2006.01) H04M 3/42 (2006.01)**
[25] EN
[54] **REAL-TIME SHARING DURING A PHONE CALL**
[54] **PARTAGE EN TEMPS REEL AU COURS D'UN APPEL TELEPHONIQUE**
[72] WOOLSEY, KERRY, US
[72] HAMMERQUIST, PETER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-02-28
[86] 2015-09-10 (PCT/US2015/049262)
[87] (WO2016/040535)
[30] US (14/482,960) 2014-09-10

---

[21] **2,959,719**
[13] A1
[51] **Int.Cl. H04W 36/00 (2009.01) H04W 4/06 (2009.01) H04W 40/24 (2009.01) H04B 7/185 (2006.01)**
[25] EN
[54] **PROVIDING NETWORK CONNECTIVITY AND ACCESS TO CONTENT AND COMMUNICATIONS VIA MOVING OBJECTS**
[54] **FOURNITURE D'UNE CONNECTIVITE DE RESEAU ET D'UN ACCES A UN CONTENU ET DES COMMUNICATIONS PAR L'INTERMEDIAIRE D'OBJETS MOBILES**
[72] HORVITZ, ERIC, US
[72] KAPOOR, ASHISH, US
[72] LIU, JIE, US
[72] CHANDRA, RANVEER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-02-28
[86] 2015-09-10 (PCT/US2015/049269)
[87] (WO2016/044032)
[30] US (14/486,235) 2014-09-15

[21] **2,959,722**
[13] A1
[51] **Int.Cl. G02B 7/12 (2006.01) G02B 23/18 (2006.01)**
[25] EN
[54] **COMPACT MECHANISM FOR THE INTER-PUPIL DISTANCE ADJUSTMENT OF VIEWING SYSTEMS**
[54] **MECANISME COMPACT POUR L'AJUSTEMENT DE DISTANCE INTER-PUPILLAIRE DE SYSTEMES DE VISUALISATION**
[72] FRANZINI, JOHN R., US
[71] BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC., US
[85] 2017-03-01
[86] 2015-08-27 (PCT/US2015/047090)
[87] (WO2016/093904)
[30] US (62/046,195) 2014-09-05

---

[21] **2,959,737**
[13] A1
[51] **Int.Cl. C12N 15/12 (2006.01) A01K 67/027 (2006.01) C07K 14/705 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR PRODUCING ANIMALS WITH SHORT HAIR**
[54] **MATERIAUX ET PROCEDES DE PRODUCTION D'ANIMAUX AVEC DES POILS COURTS**
[72] WEST, JAMES, US
[71] AGGENETICS, INC., US
[85] 2017-03-01
[86] 2015-09-23 (PCT/US2015/051717)
[87] (WO2016/049182)
[30] US (62/054,169) 2014-09-23

---

[21] **2,959,742**
[13] A1
[51] **Int.Cl. G01N 15/05 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **MICROFLUIDIC CHIP-BASED, UNIVERSAL COAGULATION ASSAY**
[54] **DOSAGE DE COAGULATION UNIVERSEL SUR PUCE MICROFLUIDIQUE**
[72] BAKHRU, SASHA, US
[72] LAULICHT, BRYAN, US
[72] ZAPPE, STEFAN, US
[72] STEINER, SOLOMON, US
[71] PEROSPHERE, INC., US
[85] 2017-03-01
[86] 2015-09-09 (PCT/US2015/049198)
[87] (WO2016/040490)
[30] US (62/048,183) 2014-09-09

---

[21] **2,959,749**
[13] A1
[51] **Int.Cl. H01L 27/146 (2006.01) H04N 5/369 (2011.01)**
[25] EN
[54] **IMAGE SENSOR BENDING USING TENSION**
[54] **FLEXION DE CAPTEUR D'IMAGE EN UTILISANT UNE TENSION**
[72] GUENTER, BRIAN K., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-03-01
[86] 2015-09-10 (PCT/US2015/049276)
[87] (WO2016/044039)
[30] US (14/491,928) 2014-09-19

---

[21] **2,959,809**
[13] A1
[51] **Int.Cl. H04L 9/30 (2006.01)**
[25] EN
[54] **ESTABLISHING TRUST BETWEEN TWO DEVICES**
[54] **ETABLISSEMENT DE CONFIANCE ENTRE DEUX DISPOSITIFS**
[72] DAWOUD SHENOUDA DAWOUD, PETER, US
[72] SABOORI, ANOOSH, US
[72] SONI, HIMANSHU, US
[72] INGALLS, DUSTIN MICHAEL, US
[72] PORTER, NELLY L., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-03-01
[86] 2015-09-16 (PCT/US2015/050309)
[87] (WO2016/044356)
[30] US (62/051,833) 2014-09-17
[30] US (14/640,538) 2015-03-06

---

[21] **2,959,941**
[13] A1
[51] **Int.Cl. F16B 7/20 (2006.01) F16B 37/08 (2006.01)**
[25] EN
[54] **STIFFENING ASSEMBLY**
[54] **ENSEMBLE DE RENFORCEMENT**
[72] DAVIS, SIMON, GB
[72] BAKER, MARTIN, GB
[71] GRIPPLE LIMITED, GB
[85] 2017-03-01
[86] 2015-09-09 (PCT/GB2015/000264)
[87] (WO2016/038325)
[30] GB (1415973.5) 2014-09-10
[30] GB (1500866.7) 2015-01-19
[30] GB (1515959.3) 2015-09-09

[21] **2,959,952**
[13] A1
[51] **Int.Cl. C09K 5/12 (2006.01) F24J 2/34 (2006.01) F24J 2/46 (2006.01) F28D 20/00 (2006.01)**
[25] EN
[54] **A PROCESS FOR PREPARATION OF HOMOGENOUS MIXTURE FOR THERMAL STORAGE AND HEAT TRANSFER APPLICATIONS**
[54] **PROCEDE DE PREPARATION DE MELANGE HOMOGENE POUR DES APPLICATIONS D'ACCUMULATION THERMIQUE ET DE TRANSFERT DE THERMIQUE**
[72] RAMESH, KANAPARTHI, IN
[72] PRAMOD, KANDOTH MADATHIL, IN
[72] RAO, PEDDY VENKAT CHALAPATHI, IN
[72] CHOUDARY, NETTEM VENKATESWARLU, IN
[71] HINDUSTAN PETROLEUM CORPORATION LTD., IN
[85] 2017-03-01
[86] 2016-05-24 (PCT/IN2016/050154)
[87] (WO2016/189550)
[30] IN (2032/MUM/2015) 2015-05-25

---

[21] **2,959,955**
[13] A1
[51] **Int.Cl. C09K 5/12 (2006.01) F24J 2/34 (2006.01) F24J 2/46 (2006.01) F28D 20/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THERMAL STORAGE AND HEAT TRANSFER APPLICATIONS**
[54] **COMPOSITION DE STOCKAGE THERMIQUE ET APPLICATIONS DE TRANSFERT DE CHALEUR**
[72] PRAMOD, KANDOTH MADATHIL, IN
[72] RAMESH, KANAPARTHI, IN
[72] RAO, PEDDY VENKAT CHALAPATHI, IN
[72] CHOUDARY, NETTEM VENKATESWARLU, IN
[71] HINDUSTAN PETROLEUM CORPORATION LTD., IN
[85] 2017-03-01
[86] 2016-06-17 (PCT/IN2016/050188)
[87] (WO2016/203498)
[30] IN (2352/MUM/2015) 2015-06-19

---

[21] **2,959,966**
[13] A1
[51] **Int.Cl. B65G 53/12 (2006.01) C10J 3/50 (2006.01)**
[25] EN
[54] **PRESSURISING OF BULK MATERIAL IN LOCK HOPPERS**
[54] **COMPRESSION DE MATERIAU EN VRAC DANS DES TREMIES VERROUILLABLES**
[72] SCHMIT, LOUIS, LU
[72] MULLER, BEN, LU
[71] PAUL WURTH S.A., LU
[85] 2017-03-02
[86] 2015-09-02 (PCT/EP2015/070086)
[87] (WO2016/034644)
[30] LU (LU 92 534) 2014-09-03

---

[21] **2,959,968**
[13] A1
[51] **Int.Cl. H04W 28/10 (2009.01) H04W 40/12 (2009.01) H04L 12/803 (2013.01)**
[25] EN
[54] **MESH NETWORK ASSESSMENT AND TRANSMISSION**
[54] **EVALUATION DE RESEAU MAILLE ET TRANSMISSION**
[72] KALKUNTE, VENKAT, US
[71] VIVINT, INC., US
[85] 2017-03-01
[86] 2015-09-02 (PCT/US2015/048027)
[87] (WO2016/043970)
[30] US (14/489,174) 2014-09-17

---

[21] **2,959,984**
[13] A1
[51] **Int.Cl. B23H 7/20 (2006.01) G05B 19/404 (2006.01) B23H 1/04 (2006.01) B23H 7/18 (2006.01) B23H 9/10 (2006.01)**
[25] EN
[54] **GEOMETRIC CONTROL AND BEST FITTING OF ELECTRIC DISCHARGE MACHINING TOOLS**
[54] **REGLAGE DE GEOMETRIE ET MEILLEUR AJUSTEMENT D'OUTILS D'USINAGE A DECHARGE ELECTRIQUE**
[72] ARCIONI, MASSIMO, IT
[72] BARTALI, CLAUDIO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2017-03-02
[86] 2015-09-16 (PCT/EP2015/071215)
[87] (WO2016/042026)
[30] IT (FI2014A000210) 2014-09-17

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[21] **2,959,993**
[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) F04D 17/02 (2006.01) F04D 29/46 (2006.01) F04D 29/56 (2006.01)**
[25] EN
[54] **AXI-CENTRIFUGAL COMPRESSOR WITH VARIABLE OUTLET GUIDE VANES**
[54] **COMPRESSEUR AXI-CENTRIFUGE AYANT DES AUBES DIRECTRICES A SORTIE VARIABLE**
[72] PARKER, DAVID VICKERY, US
[72] HERNANDEZ, WILHELM RAMON, US
[72] SRIVASTAVA, BASUKI, US
[72] TRIMBY, PAUL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-03-02
[86] 2015-08-11 (PCT/US2015/044709)
[87] (WO2016/039918)
[30] US (62/049,586) 2014-09-12

---

[21] **2,960,017**
[13] A1
[51] **Int.Cl. H02J 50/27 (2016.01) H01P 3/00 (2006.01)**
[25] EN
[54] **VARIABLE FREQUENCY RECEIVERS FOR GUIDED SURFACE WAVE TRANSMISSIONS**
[54] **RECEPTEURS A FREQUENCE VARIABLE POUR EMISSIONS D'ONDE DE SURFACE GUIDEES**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-03-02
[86] 2015-09-09 (PCT/US2015/049161)
[87] (WO2016/040465)
[30] US (62/049,175) 2014-09-11
[30] US (14/847,639) 2015-09-08

[21] **2,960,021**
[13] A1
[51] **Int.Cl. H02J 50/27 (2016.01) H02J 50/50 (2016.01) H01P 3/00 (2006.01) H02M 5/04 (2006.01)**
[25] EN
[54] **HIERARCHICAL POWER DISTRIBUTION**
[54] **DISTRIBUTION ELECTRIQUE HIERARCHIQUE**
[72] CORUM, JAMES F., US
[72] CORUM, KENNETH L., US
[72] LILLY, JAMES D., US
[72] PINZONE, BASIL F., US
[71] CPG TECHNOLOGIES, LLC, US
[85] 2017-03-02
[86] 2015-09-10 (PCT/US2015/049520)
[87] (WO2016/040698)
[30] US (62/049,214) 2014-09-11
[30] US (14/847,704) 2015-09-08

---

[21] **2,960,025**
[13] A1
[51] **Int.Cl. A61K 8/02 (2006.01) A61K 8/64 (2006.01) A61Q 19/00 (2006.01) A61Q 19/08 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **SKIN CARE PRODUCT AND METHOD OF USE**
[54] **PRODUIT DE SOIN DE LA PEAU ET PROCEDE D'UTILISATION**
[72] OSBORNE, ROSEMARIE, US
[72] MCILDOWIE, MATTHEW JAMES, AU
[72] EDWARDS, JEFFREY DAVID, AU
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-02
[86] 2015-09-17 (PCT/US2015/050625)
[87] (WO2016/044552)
[30] US (62/051,783) 2014-09-17

---

[21] **2,960,026**
[13] A1
[51] **Int.Cl. B23K 35/02 (2006.01) B23K 9/173 (2006.01) B23K 35/30 (2006.01) B23K 35/368 (2006.01) B23K 35/40 (2006.01) B23K 9/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR WELDING MILL SCALED WORKPIECES**
[54] **SYSTEMES ET PROCEDES DE SOUDAGE DE PIECES CALAMINEES**
[72] BARHORST, STEVEN EDWARD, US
[72] DUNCAN, DARYL L., US
[72] BUNDY, JOSEPH C., US
[72] XIAO, ZHIGANG, US
[71] HOBART BROTHERS COMPANY, US
[85] 2017-03-02
[86] 2015-10-13 (PCT/US2015/055184)
[87] (WO2016/061007)
[30] US (62/065,371) 2014-10-17
[30] US (14/879,578) 2015-10-09

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[21] **2,960,034**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61L 27/14 (2006.01) A61L 27/34 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **PROSTHETIC HEART VALVE WITH RETENTION ELEMENTS**
[54] **VALVULE CARDIAQUE PROTHETIQUE AYANT DES ELEMENTS DE RETENUE**
[72] BENNETT, NATHAN L., US
[71] W.L. GORE & ASSOCIATES, INC., US
[85] 2017-03-02
[86] 2015-09-15 (PCT/US2015/050113)
[87] (WO2016/044223)
[30] US (62/050,628) 2014-09-15
[30] US (14/853,654) 2015-09-14

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[21] **2,960,041**
[13] A1
[51] **Int.Cl. C12N 15/61 (2006.01) A01H 1/04 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 9/90 (2006.01) C12N 15/82 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **HIGH TEMPERATURE SEED GERMINATION**
[54] **GERMINATION DE SEMENCES A HAUTE TEMPERATURE**
[72] COPPOOLSE, ERIC ROLAND, NL
[72] POST, MIRIAM, NL
[71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
[85] 2017-03-02
[86] 2015-09-15 (PCT/EP2015/071082)
[87] (WO2016/041952)
[30] EP (14184800.2) 2014-09-15
[30] EP (14198005.2) 2014-12-15

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[21] **2,960,042**
[13] A1
[51] **Int.Cl. E06B 3/673 (2006.01) E06B 3/66 (2006.01) E06B 3/663 (2006.01) E06B 3/677 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING INSULATING GLAZING**
[54] **PROCEDE DE FABRICATION DE VITRAGE ISOLANT**
[72] CALIARO, SEBASTIEN, BE
[72] JEANFILS, JULIEN, BE
[72] CLOSSET, FRANCOIS, BE
[71] AGC GLASS EUROPE, BE
[85] 2017-03-02
[86] 2015-10-06 (PCT/EP2015/073050)
[87] (WO2016/055477)
[30] EP (14187916.3) 2014-10-07

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[21] **2,960,064**
[13] A1
[51] **Int.Cl. E21C 27/24 (2006.01) E21D 9/10 (2006.01)**
[25] EN
[54] **CUTTING APPARATUS**
[54] **APPAREIL DE COUPE**
[72] BRANDL, ERICH, AT
[72] EBNER, BERNHARD, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-03-03
[86] 2014-10-06 (PCT/EP2014/071334)
[87] (WO2016/055087)

[21] **2,960,085**
[13] A1
[51] **Int.Cl. A61B 5/03 (2006.01)**
[25] EN
[54] **DETECTION AND ANALYSIS OF SPATIALLY VARYING FLUID LEVELS USING MAGNETIC SIGNALS**
[54] **DETECTION ET ANALYSE DE NIVEAUX DE FLUIDE VARIANT SPATIALEMENT AU MOYEN DE SIGNAUX MAGNETIQUES**
[72] WYETH, RICHARD WARREN, US
[72] LEVINSON, MITCHELL ELLIOTT, US
[72] WEBER, BRYAN JON, US
[71] CEREBROTECH MEDICAL SYSTEMS, INC., US
[85] 2017-03-02
[86] 2015-09-03 (PCT/US2015/048336)
[87] (WO2016/036946)
[30] US (62/045,044) 2014-09-03
[30] US (62/048,690) 2014-09-10
[30] US (62/131,882) 2015-03-12

[21] **2,960,125**
[13] A1
[51] **Int.Cl. C09K 3/10 (2006.01)**
[25] EN
[54] **FLEXIBLE POLYUREA SEALANT COMPOSITIONS**
[54] **COMPOSITIONS DE MASTIC SOUPLE A BASE DE POLYUREE**
[72] JOHNSTON, JAY, US
[72] SEAR, CHELSEY, US
[72] PASQUINI, AYLA, US
[71] COVESTRO LLC, US
[85] 2017-03-02
[86] 2015-09-23 (PCT/US2015/051581)
[87] (WO2016/049104)
[30] US (62/054,563) 2014-09-24

[21] **2,960,126**
[13] A1
[51] **Int.Cl. A01D 44/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR HARVESTING PLANKTON AND OTHER BIOMASS FROM A DEAD ZONE**
[54] **APPAREIL ET PROCEDE DE RECOLTE DE PLANCTON ET D'AUTRE BIOMASSE A PARTIR D'UNE ZONE MORTE**
[72] BECKER, WILLIAM R., US
[71] BECKER, WILLIAM R., US
[85] 2017-03-02
[86] 2015-11-20 (PCT/US2015/061822)
[87] (WO2016/085802)
[30] US (14/551,561) 2014-11-24

[21] **2,960,159**
[13] A1
[51] **Int.Cl. C08G 73/10 (2006.01) B01D 53/22 (2006.01) B01D 71/64 (2006.01) C08J 3/24 (2006.01)**
[25] EN
[54] **HIGH MOLECULAR WEIGHT, MONOESTERIFIED POLYIMIDE POLYMER CONTAINING A SMALL AMOUNT OF BULKY DIAMINE**
[54] **POLYMERE POLYIMIDE MONOESTERIFIE A MASSE MOLECULAIRE ELEVEE CONTENANT UNE PETITE QUANTITE DE DIAMINES ENCOMBREES**
[72] MILLER, STEPHEN JOSEPH, US
[72] KOROS, WILLIAM JOHN, US
[72] LI, NANWEN, US
[72] LIU, GONGPING, US
[71] CHEVRON U.S.A. INC., US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2017-03-03
[86] 2015-12-23 (PCT/US2015/000288)
[87] (WO2016/105526)
[30] US (62/096,350) 2014-12-23

[21] **2,960,172**
[13] A1
[51] **Int.Cl. B65G 21/06 (2006.01) B65G 21/10 (2006.01) B65G 21/20 (2006.01) B65G 21/22 (2006.01)**
[25] EN
[54] **APPARATUS FOR CONVEYING PRODUCTS**
[54] **DISPOSITIF POUR TRANSPORTER DES PRODUITS**
[72] FRANZAROLI, MASSIMO, IT
[71] PULSAR S.R.L., IT
[85] 2017-03-03
[86] 2015-09-01 (PCT/IB2015/056636)
[87] (WO2016/035011)
[30] IT (BO2014U000074) 2014-09-03

[21] **2,960,184**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04L 12/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CENTRALLY-ASSISTED DISTRIBUTED HASH TABLE**
[54] **SYSTEMES ET PROCEDES POUR TABLE DE HACHAGE REPARTIE A ASSISTANCE CENTRALE**
[72] PEACOCK, ALEN LYNN, US
[72] OLDS, JOHN TIMOTHY, US
[72] WENDLING, JEFFREY MICHAEL, US
[72] NOLTE, ERIK SEAN, US
[71] VIVINT, INC., US
[85] 2017-03-03
[86] 2015-09-02 (PCT/US2015/048030)
[87] (WO2016/053560)
[30] US (14/500,825) 2014-09-29

[21] **2,960,190**
[13] A1
[51] **Int.Cl. G06F 11/30 (2006.01) G06F 17/30 (2006.01) H04L 12/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING GLOBALLY DISTRIBUTED REMOTE STORAGE DEVICES**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER DES DISPOSITIFS DE STOCKAGE A DISTANCE DISTRIBUES DANS LE MONDE ENTIER**
[72] PEACOCK, ALEN LYNN, US
[72] CANNON, PAUL, US
[72] OLDS, JOHN TIMOTHY, US
[72] HARDING, ANDREW, US
[72] WENDLING, JEFFREY MICHAEL, US
[71] VIVINT, INC., US
[85] 2017-03-03
[86] 2015-09-02 (PCT/US2015/048034)
[87] (WO2016/053561)
[30] US (14/503,095) 2014-09-30

[21] **2,960,197**
[13] A1
[51] **Int.Cl. H01R 12/71 (2011.01) H01R 13/514 (2006.01) H01R 13/518 (2006.01) H01R 43/16 (2006.01) H01R 43/24 (2006.01)**
[25] EN
[54] **OVERMOLDED CONTACT WAFER AND CONNECTOR**
[54] **CONNECTEUR ET TRANCHE DE CONTACT SURMOULEE**
[72] LJUBIJANKIC, ZLATAN, CA
[72] MARTEN, BARBARA H., CA
[72] GIBSON, KAREN A., CA
[72] MATUS, ANDREW B, CA
[71] AMPHENOL CORPORATION, US
[85] 2017-03-03
[86] 2015-09-02 (PCT/US2015/048099)
[87] (WO2016/036829)
[30] US (14/475,983) 2014-09-03

[21] **2,960,224**
[13] A1
[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/24 (2006.01)**
[25] EN
[54] **MODULAR CONTAINER FOR PLANTS**
[54] **RECIPIENT MODULAIRE POUR PLANTES**
[72] BAIOCCHI, RENZO, IT
[71] BAMA S.P.A., IT
[85] 2017-03-03
[86] 2015-08-07 (PCT/IB2015/056007)
[87] (WO2016/034960)
[30] IT (FI2014A000201) 2014-09-04

[21] **2,960,312**
[13] A1
[51] **Int.Cl. C11D 1/66 (2006.01) C07H 15/04 (2006.01) B01F 17/00 (2006.01) B01F 17/56 (2006.01)**
[25] EN
[54] **MIXTURE OF ALKYLGLUCOSIDES AND ALKYLXYLOSIDES, THEIR MANUFACTURE AND USE**
[54] **MELANGE D'ALKYLGLUCOSIDES ET D'ALKYLXYLOSIDES, LEUR PREPARATION ET LEUR UTILISATION**
[72] BAUER, FREDERIC, DE
[72] ESKUCHEN, RAINER, DE
[71] BASF SE, DE
[85] 2017-03-06
[86] 2015-08-12 (PCT/EP2015/068528)
[87] (WO2016/041698)
[30] EP (14185066.9) 2014-09-17

[21] **2,960,326**
[13] A1
[51] **Int.Cl. B60B 35/08 (2006.01) B60B 35/00 (2006.01) B60G 7/00 (2006.01) B60G 9/00 (2006.01)**
[25] EN
[54] **AXLE UNIT**
[54] **UNITE D'ESSIEU**
[72] JANSEN, ROGER, US
[72] GALAZIN, GREGORY, US
[71] SAF-HOLLAND GMBH, DE
[85] 2017-03-06
[86] 2015-09-07 (PCT/EP2015/070340)
[87] (WO2016/037962)
[30] DE (10 2014 218 323.5) 2014-09-12

[21] **2,960,327**
[13] A1
[51] **Int.Cl. B60B 35/08 (2006.01)**
[25] EN
[54] **AXLE UNIT**
[54] **UNITE D'ESSIEU**
[72] CHRIST, ARMIN, DE
[72] BORDE, FLORIAN, DE
[71] SAF-HOLLAND GMBH, DE
[85] 2017-03-06
[86] 2015-09-07 (PCT/EP2015/070376)
[87] (WO2016/037976)
[30] DE (10 2014 218 332.4) 2014-09-12

[21] **2,960,329**
[13] A1
[51] **Int.Cl. B60B 35/08 (2006.01) B60B 25/06 (2006.01)**
[25] EN
[54] **AXLE UNIT**
[54] **UNITE D'ESSIEU**
[72] CHRIST, ARMIN, DE
[71] SAF-HOLLAND GMBH, DE
[85] 2017-03-06
[86] 2015-09-08 (PCT/EP2015/070439)
[87] (WO2016/038003)
[30] DE (102014218328.6) 2014-09-12

[21] **2,960,365**
[13] A1
[51] **Int.Cl. B60P 1/54 (2006.01) B60P 3/08 (2006.01)**
[25] FR
[54] **TRANSPORT VEHICLE WITH EXTENDED LONGITUDINAL STRUCTURE FOR A MOTOR-DRIVEN HANDLING DEVICE**
[54] **VEHICULE DE TRANSPORT A STRUCTURE LONGITUDINALE RALLONGEE POUR UN MANIPULATEUR MOTORISE**
[72] SCHEER, DANIEL, FR
[71] LOHR ELECTROMECANIQUE, FR
[85] 2017-03-06
[86] 2015-09-03 (PCT/FR2015/052336)
[87] (WO2016/038283)
[30] FR (1458523) 2014-09-11

[21] **2,960,374**
[13] A1
[51] **Int.Cl. H01L 39/02 (2006.01) H01L 27/18 (2006.01) H01L 39/22 (2006.01) H03K 19/195 (2006.01)**
[25] EN
[54] **GROUND GRID FOR SUPERCONDUCTING CIRCUITS**
[54] **GRILLE DE MISE A LA MASSE POUR CIRCUITS SUPRACONDUCTEURS**
[72] HERR, QUENTIN P., US
[72] HERR, ANNA Y., US
[72] SHAUCK, STEVEN BRIAN, US
[72] MIN, EILEEN JIWON, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-03-06
[86] 2014-09-10 (PCT/US2014/055003)
[87] (WO2016/039740)
[30] US (14/482,654) 2014-09-10

---

[21] **2,960,384**
[13] A1
[51] **Int.Cl. C07D 239/52 (2006.01) C07D 207/09 (2006.01) C07D 239/47 (2006.01) C07D 239/553 (2006.01) C07D 239/60 (2006.01) C07D 475/06 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **METHODS OF PREPARING TOLL-LIKE RECEPTOR MODULATORS**
[54] **PROCEDES DE PREPARATION DE MODULATEURS DES RECEPTEURS DE TYPE TOLL**
[72] ALLEN, DARIN, US
[72] BROWN, BRANDON HEATH, US
[72] CHAO, JESSICA JADE, US
[72] HALCOMB, RANDALL L., US
[72] HRVATIN, PAUL, US
[72] MCFADDEN, RYAN, US
[72] ROETHLE, PAUL, US
[72] RUDIO, ERWINA, US
[72] YANG, HONG, US
[72] YU, RICHARD HUNG CHIU, US
[71] GILEAD SCIENCES, INC., US
[85] 2017-03-06
[86] 2015-09-14 (PCT/US2015/050039)
[87] (WO2016/044183)
[30] US (62/051,044) 2014-09-16

---

[21] **2,960,385**
[13] A1
[51] **Int.Cl. H01R 13/648 (2006.01) H01R 13/6466 (2011.01) H01R 24/64 (2011.01) H01R 13/658 (2011.01)**
[25] EN
[54] **HIGH SPEED COMMUNICATION JACK**
[54] **JACK DE COMMUNICATION A HAUT DEBIT**
[72] ROBINSON, BRETT, US
[71] SENTINEL CONNECTOR SYSTEMS, INC., US
[85] 2017-03-06
[86] 2015-09-17 (PCT/US2015/050599)
[87] (WO2016/053632)
[30] US (14/504,088) 2014-10-01

---

[21] **2,960,395**
[13] A1
[51] **Int.Cl. A61L 27/54 (2006.01) A61L 17/06 (2006.01) A61L 17/10 (2006.01) A61L 27/18 (2006.01) A61L 27/58 (2006.01) A61L 31/06 (2006.01) A61L 31/16 (2006.01) C08J 7/06 (2006.01)**
[25] EN
[54] **ORIENTED P4HB IMPLANTS CONTAINING ANTIMICROBIAL AGENTS**
[54] **IMPLANTS DE P4HB ORIENTES CONTENANT DES AGENTS ANTIMICROBIENS**
[72] MARTIN, DAVID P., US
[72] RIZK, SAID, US
[72] WILLIAMS, SIMON F., US
[72] MOSES, ARIKHA, US
[71] TEPHA, INC., US
[85] 2017-03-06
[86] 2015-09-22 (PCT/US2015/051338)
[87] (WO2016/048950)
[30] US (62/053,451) 2014-09-22

---

[21] **2,960,403**
[13] A1
[51] **Int.Cl. B24C 5/00 (2006.01) B24C 7/00 (2006.01)**
[25] EN
[54] **CONTROL OF WET ABRASIVE BLASTERS**
[54] **COMMANDE DE DISPOSITIFS DE PROJECTION D'ABRASIFS PAR VOIE HUMIDE**
[72] MCINTYRE, JOHN, CA
[71] GRACO FLUID HANDLING (B) INC., US
[85] 2017-03-06
[86] 2015-11-02 (PCT/US2015/058611)
[87] (WO2016/073352)
[30] US (62/076,054) 2014-11-06

---

[21] **2,960,406**
[13] A1
[51] **Int.Cl. B24C 5/00 (2006.01) B24C 7/00 (2006.01) B24C 9/00 (2006.01)**
[25] EN
[54] **WET ABRASIVE BLAST POT**
[54] **POT DE DECAPAGE PAR PROJECTION D'ABRASIF PAR VOIE HUMIDE**
[72] MCINTYRE, JOHN, CA
[71] GRACO FLUID HANDLING (B) INC., US
[85] 2017-03-06
[86] 2015-11-02 (PCT/US2015/058614)
[87] (WO2016/073355)
[30] US (62/076,066) 2014-11-06

---

[21] **2,960,410**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING A CONDITION OF A TUBULAR CONFIGURED TO CONVEY A HYDROCARBON FLUID**
[54] **SYSTEMES ET PROCEDES POUR SURVEILLER UN ETAT D'UN ELEMENT TUBULAIRE CONCU POUR TRANSPORTER UN FLUIDE D'HYDROCARBURE**
[72] MORROW, TIMOTHY I., US
[72] DISKO, MARK M., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2017-03-06
[86] 2015-08-07 (PCT/US2015/044125)
[87] (WO2016/048457)
[30] US (62/055,959) 2014-09-26

[21] **2,960,413**
[13] A1
[51] **Int.Cl. C08G 77/452 (2006.01) C08L 83/10 (2006.01) C09D 183/10 (2006.01)**
[25] EN
[54] **TWO-COMPONENT SILOXANE-BASED COATINGS CONTAINING POLYMERS WITH UREA LINKAGES AND TERMINAL ALKOXYSILANES**
[54] **REVETEMENTS A BASE DE SILOXANE EN DEUX COMPOSANTS CONTENANT DES POLYMERES A LIAISONS UREE ET TERMINAISONS ALCOXYSILANE**
[72] IEZZI, ERICK B., US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[85] 2017-03-06
[86] 2015-09-04 (PCT/US2015/048478)
[87] (WO2016/064481)
[30] US (62/067,052) 2014-10-22

---

[21] **2,960,434**
[13] A1
[51] **Int.Cl. H02M 7/493 (2007.01) H02M 1/12 (2006.01)**
[25] EN
[54] **METHOD FOR GENERATING AN ALTERNATING ELECTRIC CURRENT**
[54] **PROCEDE PERMETTANT DE GENERER UN COURANT ELECTRIQUE ALTERNATIF**
[72] GENSIOR, ALBRECHT, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-03-07
[86] 2015-09-09 (PCT/EP2015/070536)
[87] (WO2016/045963)
[30] DE (10 2014 219 052.5) 2014-09-22

---

[21] **2,960,436**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 31/20 (2006.01) C07D 475/06 (2006.01)**
[25] EN
[54] **SOLID FORMS OF A TOLL-LIKE RECEPTOR MODULATOR**
[54] **FORMES SOLIDES D'UN MODULATEUR DE RECEPTEURS DE TYPE TOLL**
[72] ANDRES, PATRICIA, US
[72] BROWN, BRANDON HEATH, US
[72] DIAZ, KRISTA MARIE, US
[72] KIM, YOO JOONG, US
[72] ROETHLE, PAUL, US
[72] WANG, FANG, US
[72] SMOLENSKAYA, VALERIYA, US
[71] GILEAD SCIENCES, INC., US
[85] 2017-03-06
[86] 2015-09-14 (PCT/US2015/050037)
[87] (WO2016/044182)
[30] US (62/051,063) 2014-09-16

---

[21] **2,960,443**
[13] A1
[51] **Int.Cl. E04H 12/10 (2006.01) F03D 13/20 (2016.01) E04B 1/19 (2006.01) E04C 3/04 (2006.01) E04H 12/00 (2006.01) F16B 7/00 (2006.01)**
[25] EN
[54] **STRUT LINKAGE FOR A STEEL CONSTRUCTION, AND STEEL CONSTRUCTION HAVING A STRUT LINKAGE**
[54] **RATTACHEMENT D'ENTRETOISES POUR CONSTRUCTION METALLIQUE ET CONSTRUCTION METALLIQUE A RATTACHEMENT D'ENTRETOISES**
[72] DREWES, STEPHAN, DE
[72] HIRT, MARK, DE
[72] PATBERG, LOTHAR, DE
[72] PATON, ADRIAN, DE
[72] SAVVAS, KONSTANTINOS, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2017-03-07
[86] 2015-08-21 (PCT/EP2015/069278)
[87] (WO2016/055211)
[30] DE (10 2014 114 472.4) 2014-10-06

---

[21] **2,960,480**
[13] A1
[51] **Int.Cl. A01L 5/00 (2006.01) A01L 3/00 (2006.01)**
[25] EN
[54] **HOOF SHOE FOR A HOOFED ANIMAL, PREFERABLY A HORSE**
[54] **CHAUSSURE POUR SABOT D'UN ONGULE, DE PREFERENCE UN CHEVAL**
[72] EBERLE, ARMIN, CH
[72] MARAFFIO, ENRICO, CH
[71] SWISS GALOPPERS GMBH, CH
[85] 2017-03-07
[86] 2015-10-02 (PCT/EP2015/072861)
[87] (WO2016/055387)
[30] CH (01554/14) 2014-10-10
[30] CH (00522/15) 2015-04-14

---

[21] **2,960,533**
[13] A1
[51] **Int.Cl. H02B 13/035 (2006.01)**
[25] EN
[54] **RC VOLTAGE DIVIDERS USED IN COMMON GIS GAS COMPARTMENT**
[54] **DIVISEURS DE TENSION RESISTIFS/CAPACITIFS UTILISES DANS UN COMPARTIMENT COMMUN D'APPAREILLAGE HAUTE-TENSION ISOLE AU GAZ**
[72] FLURI, ROLF, CH
[72] SCHMID, JOACHIM, DE
[72] WEBER, CHRISTIAN, CH
[72] LOEB, PASCAL, FR
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-03-08
[86] 2015-07-15 (PCT/EP2015/066166)
[87] (WO2016/037742)
[30] EP (14184299.7) 2014-09-10

[21] **2,960,541**
[13] A1
[51] **Int.Cl. C11D 3/386 (2006.01) C11D 1/83 (2006.01) C11D 3/33 (2006.01) C11D 7/32 (2006.01) C11D 7/42 (2006.01)**
[25] EN
[54] **DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE**
[72] CAIRES, CHRISTOPHER C., US
[72] HAWKER, DUSTIN, US
[72] GUTOWSKI, KEITH E., US
[72] BREFFA, CATHERINE, DE
[72] ESPER, CLAUDIA, DE
[72] GARCIA MARCOS, ALEJANDRA, DE
[72] MILLER, REBECCA L., US
[72] SPANGENBERG, OLIVER, DE
[71] BASF SE, DE
[85] 2017-03-08
[86] 2015-07-29 (PCT/EP2015/067379)
[87] (WO2016/041681)
[30] US (62/052508) 2014-09-19
[30] US (62/116592) 2015-02-16

---

[21] **2,960,546**
[13] A1
[51] **Int.Cl. B65B 43/26 (2006.01) B65B 1/32 (2006.01) B65B 1/46 (2006.01) B65B 43/14 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR FILLING OPEN BAGS**
[54] **DISPOSITIF ET PROCEDE DE REMPLISSAGE DE SACS OUVERTS**
[72] VOLLENKEMPER, WILLI, DE
[72] SCHUTTE, VOLKER, DE
[72] SCHWAKENBERG, MARTIN, DE
[71] HAVER & BOECKER OHG, DE
[85] 2017-03-08
[86] 2015-09-24 (PCT/EP2015/071942)
[87] (WO2016/046302)
[30] DE (102014113859.7) 2014-09-24

---

[21] **2,960,560**
[13] A1
[51] **Int.Cl. B65B 1/32 (2006.01) B65B 1/46 (2006.01) B65B 43/50 (2006.01) B65B 43/60 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PACKAGING FLOWABLE MATERIALS**
[54] **DISPOSITIF ET PROCEDE DE REMPLISSAGE DE MATERIAUX COULANTS**
[72] VOLLENKEMPER, WILLI, DE
[72] WESTARP, CHRISTIAN, DE
[71] HAVER & BOECKER OHG, DE
[85] 2017-03-08
[86] 2015-09-24 (PCT/EP2015/071965)
[87] (WO2016/046312)
[30] DE (10 2014 113 864.3) 2014-09-24

---

[21] **2,960,572**
[13] A1
[51] **Int.Cl. B64C 13/28 (2006.01) F16H 57/01 (2012.01) F16H 25/12 (2006.01) F16H 25/20 (2006.01)**
[25] EN
[54] **HORIZONTAL STABILISER ACTUATOR WITH FREEPLAY DETECTING FEATURES AND METHOD THEREOF**
[54] **ACTIONNEUR DE STABILISATEUR HORIZONTAL A ELEMENTS DE DETECTION DE JEU LIBRE ET PROCEDE ASSOCIE**
[72] MOULON, THOMAS, FR
[72] MEDINA, RAPHAEL, FR
[71] GOODRICH ACTUATION SYSTEMS SAS, FR
[85] 2017-03-08
[86] 2014-12-01 (PCT/IB2014/002919)
[87] (WO2016/087891)

---

[21] **2,960,576**
[13] A1
[51] **Int.Cl. C22B 5/04 (2006.01) C22B 9/04 (2006.01) C22C 1/03 (2006.01) C22C 19/05 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING LOW NITROGEN, ESSENTIALLY NITRIDE-FREE CHROMIUM AND CHROMIUM PLUS NIOBIUM-CONTAINING NICKEL-BASED ALLOYS AND THE RESULTING CHROMIUM AND NICKEL-BASED ALLOYS**
[54] **PROCEDES DE PRODUCTION D'ALLIAGES DE CHROME ESSENTIELLEMENT EXEMPT DE NITRURE ET A FAIBLE TENEUR EN AZOTE ET D'ALLIAGES A BASE DE NICKEL RENFERMANT DU NIOBIUM ET DU CHROME ET LES ALLIAGES RESULTATS A BASE DE NICKEL ET DE CHROME**
[72] SERNIK, KLEBER A., US
[71] CBMM-COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, BR
[85] 2017-03-08
[86] 2015-10-05 (PCT/IB2015/002636)
[87] (WO2016/110740)
[30] US (14/533,843) 2014-11-05

---

[21] **2,960,607**
[13] A1
[51] **Int.Cl. B60R 22/40 (2006.01)**
[25] EN
[54] **RETRACTOR WITH MUD SHIELD AND VIBRATION REDUCTION**
[54] **ENROULEUR MUNI DE PROTECTION CONTRE LA BOUE ET PRESENTANT UNE REDUCTION DES VIBRATIONS**
[72] SCHMIDT, BRIAN, US
[72] POLLARD, JON, US
[71] KEY SAFETY SYSTEMS, INC., US
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/048910)
[87] (WO2016/040303)
[30] US (62/047,699) 2014-09-09

[21] **2,960,614**
[13] A1
[51] **Int.Cl. G06F 1/20 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **COOLING CONTROL FOR DATA CENTERS WITH COLD AISLE CONTAINMENT SYSTEMS**
[54] **COMMANDE DE REFROIDISSEMENT POUR CENTRES DE TRAITEMENT DE DONNEES DOTES DE SYSTEMES DE CONFINEMENT D'ALLEE FROIDE**
[72] SHRIVASTAVA, SAURABH, US
[72] IBRAHIM, MAHMOUD, US
[72] MURALIDHARAN, BHARATHKRISHNAN, US
[71] PANDUIT CORP., US
[85] 2017-03-08
[86] 2015-09-09 (PCT/US2015/049062)
[87] (WO2016/040407)
[30] US (62/048,423) 2014-09-10
[30] US (14/847,711) 2015-09-08

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[21] **2,960,634**
[13] A1
[51] **Int.Cl. E05C 5/02 (2006.01) E05B 17/00 (2006.01) E05C 5/00 (2006.01) E05C 9/18 (2006.01)**
[25] EN
[54] **LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE**
[72] ALFREDSSON, BENGT-AKE, SE
[71] INDUSTRILAS I NASSJO AKTIEBOLAG, SE
[85] 2017-03-08
[86] 2015-09-09 (PCT/EP2015/070553)
[87] (WO2016/038066)
[30] EP (14184090.0) 2014-09-09

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[21] **2,960,640**
[13] A1
[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **MULTI-CHAMFER CUTTING ELEMENTS HAVING A SHAPED CUTTING FACE, EARTH-BORING TOOLS INCLUDING SUCH CUTTING ELEMENTS, AND RELATED METHODS**
[54] **ELEMENTS DE COUPE A CHANFREINS MULTIPLES AYANT UNE FACE DE COUPE MISE EN FORME, OUTILS DE FORAGE COMPRENANT DE TELS ELEMENTS DE COUPE ET PROCEDES ASSOCIES**
[72] PATEL, SURESH, US
[72] STOCKEY, DAVID A., US
[72] FLORES, ALEJANDRO, US
[72] DIGIOVANNI, ANTHONY A., US
[72] SCOTT, DANNY E., US
[72] LEDGERWOOD, LEROY W., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/048840)
[87] (WO2016/040257)
[30] US (14/480,293) 2014-09-08

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[21] **2,960,693**
[13] A1
[51] **Int.Cl. C12P 19/56 (2006.01) A23L 27/30 (2016.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 9/02 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12N 9/90 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/54 (2006.01) C12N 15/60 (2006.01) C12N 15/61 (2006.01) C12P 15/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF STEVIOL GLYCOSIDES IN RECOMBINANT HOSTS**
[54] **PRODUCTION DE GLYCOSIDES DE STEVIOL DANS DES HOTES DE RECOMBINAISON**
[72] ROBERTSEN, HELENE LUNDE, DK
[72] ANDERSEN, IBEN NORDMARK, DK
[72] TAKOS, ADAM MATTHEW, DK
[72] HALLWYL, SWEE CHUANG LIM, DK
[72] AMBRI, FRANCESCA, DK
[72] ASENSIO, MANUEL QUIROS, DK
[72] MIKKELSEN, MICHAEL DALGAARD, DK
[72] HOUGHTON-LARSEN, JENS, DK
[72] DOUCHIN, VERONIQUE, DK
[72] DYEKJAER, JANE DANNOW, DK
[72] CARLSEN, SIMON, DK
[72] RASMUSSEN, NINA NICOLINE, DK
[72] HANSEN, ESBEN HALKJAER, DK
[71] EVOLVA SA, CH
[85] 2017-03-08
[86] 2015-09-09 (PCT/EP2015/070620)
[87] (WO2016/038095)
[30] US (62/048,178) 2014-09-09
[30] US (62/103,547) 2015-01-14
[30] US (62/117,396) 2015-02-17
[30] US (62/148,585) 2015-04-16

[21] **2,960,695**
[13] A1
[51] **Int.Cl. C08G 18/54 (2006.01) B22C 1/20 (2006.01) C08G 18/18 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **TWO-COMPONENT BINDER SYSTEM FOR THE POLYURETHANE COLD-BOX PROCESS**
[54] **SYSTEME DE LIANT A DEUX COMPOSANTS POUR PROCEDE "POLYURETHANE-BOITE FROIDE"**
[72] LENZEN, FRANK, DE
[71] HUTTENES-ALBERTUS CHEMISCHE WERKE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2017-03-08
[86] 2015-09-10 (PCT/EP2015/070751)
[87] (WO2016/038156)
[30] DE (10 2014 218 148.8) 2014-09-10
[30] DE (10 2015 201 614.5) 2015-01-30

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[21] **2,960,698**
[13] A1
[51] **Int.Cl. H05K 1/14 (2006.01) H01Q 21/00 (2006.01)**
[25] EN
[54] **INTERCONNECT TRANSITION APPARATUS**
[54] **APPAREIL DE TRANSITION D'INTERCONNEXION**
[72] ISOM, ROBERT S., US
[72] KASEMODEL, JUSTIN, US
[72] ELLIOTT, JAMES M., US
[71] RAYTHEON COMPANY, US
[85] 2017-03-08
[86] 2015-08-04 (PCT/US2015/043563)
[87] (WO2016/057105)
[30] US (14/509,393) 2014-10-08

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[21] **2,960,701**
[13] A1
[51] **Int.Cl. H01R 4/48 (2006.01) H01M 2/20 (2006.01) H01M 10/48 (2006.01) H01R 4/30 (2006.01) H01R 11/12 (2006.01) H01R 13/447 (2006.01)**
[25] EN
[54] **BATTERY TAP ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE DE PRISE DE BATTERIE**
[72] HERREMA, MARK W., US
[72] EARL, RONALD D., US
[71] FLOW-RITE CONTROLS, LTD., US
[85] 2017-03-08
[86] 2015-08-21 (PCT/US2015/046272)
[87] (WO2016/069095)
[30] US (14/524,556) 2014-10-27

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[21] **2,960,705**
[13] A1
[51] **Int.Cl. B60B 25/22 (2006.01) B60C 5/16 (2006.01) B60C 15/02 (2006.01) B60B 21/12 (2006.01)**
[25] FR
[54] **ADAPTATEUR POUR ENSEMBLE ROULANT ET ENSEMBLE ROULANT LE COMPRENANT**
[54] **ADAPTER FOR A WHEEL ASSEMBLY AND A WHEEL ASSEMBLY COMPRISING SAME**
[72] TOPIN, ARTHUR, FR
[72] AHOUANTO, MICHEL, FR
[72] PINEAU, JACKY, FR
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2017-03-08
[86] 2015-09-22 (PCT/EP2015/071711)
[87] (WO2016/046197)
[30] FR (1458987) 2014-09-24

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[21] **2,960,706**
[13] A1
[51] **Int.Cl. B63B 21/04 (2006.01) B63B 21/20 (2006.01) B63B 21/54 (2006.01) B63B 21/66 (2006.01) B63C 7/16 (2006.01) B63G 8/00 (2006.01)**
[25] FR
[54] **MARINE OR SUBMARINE CRAFT AND ASSOCIATED MOORING METHOD**
[54] **ENGIN MARIN OU SOUS-MARIN ET PROCEDE D'ARRIMAGE ASSOCIE**
[72] DEROCHE, JOEL, FR
[72] FREJAVILLE, ERIC, FR
[71] ECA ROBOTICS, FR
[85] 2017-03-08
[86] 2015-09-23 (PCT/FR2015/052547)
[87] (WO2016/046497)
[30] FR (1459045) 2014-09-25

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[21] **2,960,707**
[13] A1
[51] **Int.Cl. A61F 2/78 (2006.01) A61F 2/50 (2006.01)**
[25] EN
[54] **PROSTHETIC SLEEVE**
[54] **MANCHON PROTHETIQUE**
[72] DIAS, TILAK, GB
[72] CORK, COLIN, GB
[72] OLIVEIRA, JOSE CARLOS, GB
[72] ARM, RICHARD, GB
[72] HURLEY, WILLIAM, GB
[71] NOTTINGHAM TRENT UNIVERSITY, GB
[85] 2017-03-08
[86] 2015-07-31 (PCT/GB2015/052213)
[87] (WO2016/020652)
[30] GB (1414128.7) 2014-08-08

[21] **2,960,711**
[13] A1
[51] **Int.Cl. C22B 34/32 (2006.01) C22B 5/04 (2006.01) C22B 9/04 (2006.01)**
[25] EN
[54] **PROCESSES FOR PRODUCING LOW NITROGEN METALLIC CHROMIUM AND CHROMIUM-CONTAINING ALLOYS AND THE RESULTING PRODUCTS**
[54] **PROCEDES DE PRODUCTION DE CHROME METALLIQUE ET D'ALLIAGES CONTENANT DU CHROME A FAIBLE TENEUR EN AZOTE ET PRODUITS AINSI OBTENUS**
[72] SERNIK, KLEBER A., US
[72] VIEIRA, ALAERCIO SALVADOR MARTINS, BR
[72] RIOS, ADRIANO PORFIRIO, BR
[72] FRIDMAN, DANIEL PALLOS, BR
[71] CBMM-COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO, BR
[85] 2017-03-08
[86] 2015-10-05 (PCT/IB2015/002635)
[87] (WO2016/110739)
[30] US (14/533,741) 2014-11-05

---

[21] **2,960,719**
[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MONITORING RAIL OPERATIONS AND TRANSPORT OF COMMODITIES VIA RAIL**
[54] **PROCEDE ET SYSTEME DE SURVEILLANCE DES OPERATIONS FERROVIAIRES ET DU TRANSPORT DE MARCHANDISES PAR RAIL**
[72] FUCHS, JASON, US
[72] ALPHENAAR, DEIRDRE, US
[72] OLSON, SUSAN, US
[71] GENSCAPE INTANGIBLE HOLDING, INC., US
[85] 2017-03-08
[86] 2015-09-08 (PCT/US2015/048831)
[87] (WO2016/040249)
[30] US (62/047,605) 2014-09-08
[30] US (14/846,095) 2015-09-04

---

[21] **2,960,726**
[13] A1
[51] **Int.Cl. E04B 9/24 (2006.01) E04B 9/06 (2006.01) E04B 9/12 (2006.01) E04B 9/26 (2006.01) E04F 13/09 (2006.01)**
[25] EN
[54] **CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND**
[72] BERGMAN, TODD M., US
[72] VERNAU, G. DOUGLAS, US
[72] HANUSCHAK, RYAN D., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[85] 2017-03-08
[86] 2015-09-25 (PCT/US2015/052132)
[87] (WO2016/053776)
[30] US (14/500,249) 2014-09-29

---

[21] **2,960,729**
[13] A1
[51] **Int.Cl. H04B 1/7143 (2011.01)**
[25] EN
[54] **TECHNIQUES FOR GENERATING AN OPTIMIZED CHANNEL HOPPING SEQUENCE**
[54] **TECHNIQUES POUR LA GENERATION D'UNE SEQUENCE DE SAUT DE CANAL OPTIMISEE**
[72] HARTMAN, JAMES, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2017-03-08
[86] 2015-09-28 (PCT/US2015/052550)
[87] (WO2016/057252)
[30] US (14/511,630) 2014-10-10

---

[21] **2,960,735**
[13] A1
[51] **Int.Cl. C12Q 3/00 (2006.01) C12M 1/00 (2006.01) C12M 1/36 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND CONTROLLER FOR PROCESS CONTROL IN A BIOREACTOR**
[54] **PROCEDE, SYSTEME ET DISPOSITIF DE COMMANDE PERMETTANT LA COMMANDE DE PROCESSUS DANS UN BIOREACTEUR**
[72] EMMERSON, GREGORY DANIEL, GB
[72] WATTS, SAMUEL PAUL, GB
[72] BARRINGER, GEORGE EDWARD, GB
[72] SMITH, PETER GEORGE ROBIN, GB
[71] STRATOPHASE LIMITED, GB
[85] 2017-03-09
[86] 2015-09-02 (PCT/EP2015/070025)
[87] (WO2016/041775)
[30] GB (1416233.3) 2014-09-15

---

[21] **2,960,737**
[13] A1
[51] **Int.Cl. H02J 9/00 (2006.01) H02J 15/00 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING AN EMERGENCY ENERGY STORE FOR OPERATION**
[54] **PROCEDE DE PREPARATION DU FONCTIONNEMENT D'UN ACCUMULATEUR D'ENERGIE DE SECOURS**
[72] THEOPOLD, TOBIAS, DE
[72] WIESENTHAL, THOMAS, DE
[72] SCHREINER, BJORN, DE
[71] MOOG UNNA GMBH, DE
[85] 2017-03-09
[86] 2015-08-21 (PCT/EP2015/069287)
[87] (WO2016/037834)
[30] EP (14184278.1) 2014-09-10

[21] 2,960,744
[13] A1
[51] **Int.Cl. C08L 67/04 (2006.01) B32B 5/18 (2006.01) B32B 27/18 (2006.01) B32B 27/36 (2006.01) C08J 3/22 (2006.01) C08K 5/1515 (2006.01)**
[25] EN
[54] **SNAP ABILITY MODIFIER FOR BIODEGRADABLE POLYESTERS**
[54] **MODIFICATEUR D'APTITUDE A L'ACCROCHAGE POUR POLYESTERS BIODEGRADABLES**
[72] GROESELING, MIRCO, DE
[72] WOLF, JUERGEN, DE
[72] CHIVRAC, FREDERIC, FR
[71] CLARIANT PLASTICS & COATINGS LTD, CH
[71] COMPAGNIE GERVAIS DANONE, FR
[85] 2017-03-09
[86] 2015-09-02 (PCT/EP2015/070076)
[87] (WO2016/037918)
[30] EP (14003129.5) 2014-09-10

[21] 2,960,745
[13] A1
[51] **Int.Cl. F03D 17/00 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DETERMINING DEFLECTION OF A WIND TURBINE BLADE**
[54] **SYSTEME ET PROCEDE POUR DETERMINER L'INFLECHISSEMENT D'UNE PALE D'EOLIENNE**
[72] BAK, PETER, DK
[72] KLITGAARD, MICHAEL, DK
[72] BYSKOV, CLAUS, DK
[71] LM WP PATENT HOLDING A/S, DK
[85] 2017-03-09
[86] 2015-09-10 (PCT/EP2015/070744)
[87] (WO2016/038151)
[30] EP (14184601.4) 2014-09-12

[21] 2,960,747
[13] A1
[51] **Int.Cl. B23K 37/047 (2006.01) B23K 13/01 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND VEHICLE FOR WELDING RAILS SAMPLING**
[54] **PROCEDE, APPAREIL ET VEHICULE POUR LE SOUDAGE DE RAILS**
[72] MATTHEWS, NICHOLAS, GB
[72] HEMPSHALL, JOHN, GB
[71] NETWORK RAIL INFRASTRUCTURE LIMITED, GB
[85] 2017-03-09
[86] 2015-09-09 (PCT/GB2015/052600)
[87] (WO2016/042294)
[30] GB (1416326.5) 2014-09-16

[21] 2,960,756
[13] A1
[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/28 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **BI-SPECIFIC ANTI-CGRP RECEPTOR/PAC1 RECEPTOR ANTIGEN BINDING PROTEINS AND USES THEREOF**
[54] **PROTEINES DE LIAISON ANTIGENIQUES BISPECIFIQUES ANTI-RECEPTEUR CGRP/RECEPTEUR PAC1 ET LEURS UTILISATIONS**
[72] KANNAN, GUNASEKARAN, US
[72] LIU, LING, US
[72] BELOUSKI, EDWARD J., US
[72] XU, CEN, US
[71] AMGEN INC., US
[85] 2017-03-08
[86] 2015-09-15 (PCT/US2015/050115)
[87] (WO2016/044224)
[30] US (62/050,737) 2014-09-15

[21] 2,960,762
[13] A1
[51] **Int.Cl. F16L 47/34 (2006.01)**
[25] EN
[54] **PIPE CLAMP**
[54] **BRIDE D'ATTACHE DE TUYAU**
[72] HUNNEKUHL, JORG, DE
[72] BREYER, MARKUS, DE
[72] ROSCH, JURGEN, DE
[71] GEORG FISCHER WAVIN AG, CH
[85] 2017-03-09
[86] 2015-09-09 (PCT/EP2015/070552)
[87] (WO2016/045964)
[30] EP (14186494.2) 2014-09-26

[21] 2,960,763
[13] A1
[51] **Int.Cl. C07K 16/26 (2006.01) A61P 3/10 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-GLUCAGON ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-GLUCAGON ET LEURS UTILISATIONS**
[72] OKAMOTO, HARUKA, US
[72] GROMADA, JESPER, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-03-08
[86] 2015-09-15 (PCT/US2015/050281)
[87] (WO2016/044337)
[30] US (62/050,889) 2014-09-16

[21] 2,960,771
[13] A1
[51] **Int.Cl. C11D 9/50 (2006.01) C11D 9/26 (2006.01) C11D 10/04 (2006.01)**
[25] EN
[54] **ANTIMICROBIAL CLEANSING COMPOSITION**
[54] **COMPOSITION NETTOYANTE ANTIMICROBIENNE**
[72] APPAVOO, SHANTHI, IN
[72] DASGUPTA, ANINDYA, IN
[72] GUPTA, SATYARANJAN, IN
[72] PARUCHURI, DIVYA, IN
[72] SAJI, MAYA TREESA, IN
[72] SALGAONKAR, NEHA, IN
[71] UNILEVER PLC, GB
[85] 2017-03-09
[86] 2015-09-14 (PCT/EP2015/070953)
[87] (WO2016/050493)
[30] EP (EP14186861.2) 2014-09-29

[21] **2,960,779**
[13] A1
[51] **Int.Cl. E04C 2/36 (2006.01) B29D 99/00 (2010.01) B21D 47/00 (2006.01) B31D 3/02 (2006.01)**
[25] EN
[54] **HONEYCOMB, IN PARTICULAR DEFORMABLE HONEYCOMB, FOR LIGHTWEIGHT COMPONENTS, CORRESPONDING PRODUCTION METHOD AND SANDWICH COMPONENT**
[54] **NID D'ABEILLES, EN PARTICULIER NID D'ABEILLES POUR COMPOSANTS LEGERS, PROCEDE DE FABRICATION CORRESPONDANT ET COMPOSANT EN SANDWICH**
[72] ALTER, ROLF-MATHIAS, LU
[72] WINTGENS, WILLY, LU
[72] WILLERT, MICHAEL, DE
[72] SCHMITT, RALF, DE
[71] EURO-COMPOSITES S.A., LU
[85] 2017-03-09
[86] 2015-09-17 (PCT/EP2015/071381)
[87] (WO2016/042107)
[30] LU (LU 92548) 2014-09-17

---

[21] **2,960,789**
[13] A1
[51] **Int.Cl. E05F 15/63 (2015.01) E05F 15/611 (2015.01)**
[25] EN
[54] **VEHICLE DOOR SYSTEM WITH POWER DRIVE MODULE**
[54] **SYSTEME DE PORTIERE DE VEHICULE AVEC MODULE D'ENTRAINEMENT DE PUISSANCE**
[72] GRUBER, RUDOLF, CA
[72] DANIELS, ANDREW R., CA
[72] NAGAMANY, BALATHAS, CA
[71] MULTIMATIC PATENTCO, LLC, US
[85] 2017-03-09
[86] 2015-04-09 (PCT/US2015/025074)
[87] (WO2016/164023)

---

[21] **2,960,798**
[13] A1
[51] **Int.Cl. C11D 3/48 (2006.01) C11D 1/00 (2006.01) C11D 3/04 (2006.01)**
[25] EN
[54] **HIGHLY ALKALINE DETERGENT COMPOSITION**
[54] **COMPOSITION DETERGENTE A TENEUR ALCALINE ELEVEE**
[72] VESTERAGER, NIELS OLE, DE
[71] GRAFF PEHRSON VESTERAGER GMBH, DE
[85] 2017-03-08
[86] 2015-09-09 (PCT/IB2015/001749)
[87] (WO2016/038449)
[30] EP (14184070.2) 2014-09-09

---

[21] **2,960,799**
[13] A1
[51] **Int.Cl. B62D 53/06 (2006.01) B62D 21/14 (2006.01)**
[25] EN
[54] **HEAVY LOAD TRANSPORT VEHICLE WITH VARIABLE WIDTH**
[54] **VEHICULE DE TRANSPORT DE CHARGES LOURDES A LARGEUR VARIABLE**
[72] NABECK, SVEN, DE
[72] HAUF, REINHARD, DE
[71] SCHEUERLE FAHRZEUGFABRIK GMBH, DE
[85] 2017-03-09
[86] 2016-03-31 (PCT/EP2016/000540)
[87] (WO2016/162115)
[30] DE (10 2015 004 288.2) 2015-04-08
[30] DE (20 2015 002 529.3) 2015-04-08

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[21] **2,960,800**
[13] A1
[51] **Int.Cl. H01M 8/04007 (2016.01) H01M 8/249 (2016.01) H01M 8/0612 (2016.01)**
[25] EN
[54] **THERMAL MANAGEMENT OF FUEL CELL UNITS AND SYSTEMS**
[54] **GESTION THERMIQUE D'UNITES ET DE SYSTEMES DE PILE A COMBUSTIBLE**
[72] FINNERTY, CAINE, US
[72] DEWALD, PAUL, US
[71] WATT FUEL CELL CORP., US
[85] 2017-03-08
[86] 2015-09-21 (PCT/US2015/051209)
[87] (WO2016/044835)
[30] US (62/052,706) 2014-09-19

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[21] **2,960,801**
[13] A1
[51] **Int.Cl. F16H 55/36 (2006.01) B60K 25/02 (2006.01)**
[25] EN
[54] **CRANKSHAFT ISOLATING PULLEY**
[54] **POULIE D'ISOLEMENT DE VILEBREQUIN**
[72] SCHNEIDER, DEAN, US
[72] SERKH, ALEXANDER, US
[72] LIU, KEMING, US
[71] GATES CORPORATION, US
[85] 2017-03-09
[86] 2015-08-07 (PCT/US2015/044227)
[87] (WO2016/039903)
[30] US (14/482,994) 2014-09-10

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[21] **2,960,812**
[13] A1
[51] **Int.Cl. H01F 7/127 (2006.01) H01F 7/129 (2006.01) H01F 7/16 (2006.01)**
[25] EN
[54] **FLUID RESISTANT SOLENOID AND RELATED METHOD**
[54] **SOLENOIDE RESISTANT AUX FLUIDES ET PROCEDE ASSOCIE**
[72] CURTIN, KEVIN, US
[72] CHEKAS, DARRICK, US
[72] LAUDATO, FRANK D., US
[71] NORGREN, INC., US
[85] 2017-03-09
[86] 2015-09-01 (PCT/US2015/047913)
[87] (WO2016/040050)
[30] US (62/048,872) 2014-09-11

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[21] **2,960,816**
[13] A1
[51] **Int.Cl. G01B 21/20 (2006.01) G01B 11/245 (2006.01) G06T 17/00 (2006.01)**
[25] EN
[54] **TOY SYSTEM WITH MANUALLY OPERATED SCANNER**
[54] **SYSTEME DE JOUET A DISPOSITIF DE BALAYAGE A COMMANDE MANUELLE**
[72] REID, NICHOLAS, US
[72] GAJDA, WILLIAM, US
[72] TAYLOR, BENJAMIN, US
[71] HASBRO, INC., US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049162)
[87] (WO2016/040466)
[30] US (62/048,789) 2014-09-10
[30] US (62/127,255) 2015-03-02

[21] **2,960,820**
[13] A1
[51] **Int.Cl. C12C 5/02 (2006.01) C07C 45/32 (2006.01) C12C 3/00 (2006.01) C12C 7/00 (2006.01) C12C 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING BEERS STORED, OFFERED, SERVED OR CONSUMED IN UV-VIS-TRANSMITTANT BOTTLES WITH REDUCED SENSITIVITY, IN PARTICULAR NO SENSITIVITY, TO SKUNKY THIOL FLAVOR DEGRADATION UPON EXPOSURE TO SUNLIGHT OR OTHER SOURCES OF UV AND/OR VIS LIGHT, AND BEERS STORED, OFFERED, SERVED OR CONSUMED IN UV-VIS-TRANSMITTANT BOTTLES WITH REDUCED SENSITIVITY, IN...**
[54] **PROCEDE DE PRODUCTION DE BIERES STOCKEES, OFFERTES, SERVIES OU CONSOMMEES DANS DES BOUTEILLES LAISSANT PASSER LA LUMIERE UV-VIS AYANT UNE SENSIBILITE REDUITE, EN PARTICULIER AUCUNE SENSIBILITE, A LA DEGRADATION DE L'ODEUR FORTE ET NAUSEABONDE DU THIOL APRES EXPOSITION A LA LUMIERE SOLAIRE OU A D'AUTRES SOURCES DE LUMIERE UV ET/OU VIS, ET BIERES AINSI PRODU**
[72] MERTENS, PASCAL, BE
[71] IFAST NV, BE
[85] 2017-03-08
[86] 2015-09-11 (PCT/EP2015/070896)
[87] (WO2016/038216)
[30] GB (1416169.9) 2014-09-12
[30] EP (15156031.5) 2015-02-20

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[21] **2,960,821**
[13] A1
[51] **Int.Cl. C40B 50/06 (2006.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01) C40B 40/06 (2006.01) C40B 70/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR RAPID NUCLEIC ACID LIBRARY PREPARATION**
[54] **METHODES ET COMPOSITIONS POUR LA PREPARATION DE BANQUES D'ACIDES NUCLEIQUES RAPIDES**
[72] BROWN, KEITH, US
[71] IGENOMX INTERNATIONAL GENOMICS CORPORATION, US
[85] 2017-03-09
[86] 2015-09-09 (PCT/US2015/049249)
[87] (WO2016/040524)
[30] US (62/048,136) 2014-09-09
[30] US (62/048,138) 2014-09-09
[30] US (62/051,480) 2014-09-17
[30] US (62/104,431) 2015-01-16

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[21] **2,960,836**
[13] A1
[51] **Int.Cl. C09C 1/24 (2006.01) C01G 49/06 (2006.01)**
[25] EN
[54] **RED IRON-OXIDE PIGMENTS WITH IMPROVED COLOR VALUES**
[54] **PIGMENTS D'OXYDE DE FER ROUGE AVEC VALEURS DE COULEURS AMELIOREES**
[72] CZAPLIK, WALDEMAR, DE
[72] KISCHKEWITZ, JURGEN, DE
[72] SPIEGELHAUER, STEPHAN, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2017-03-09
[86] 2015-09-10 (PCT/EP2015/070745)
[87] (WO2016/038152)
[30] EP (14184507.3) 2014-09-11

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[21] **2,960,838**
[13] A1
[51] **Int.Cl. H04B 10/25 (2013.01) H04B 10/40 (2013.01) H04B 10/60 (2013.01) H04B 10/80 (2013.01) G02B 6/42 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR MODULAR OPTICAL CABLING SYSTEMS**
[54] **DISPOSITIFS ET PROCEDES POUR DES SYSTEMES DE CABLAGE OPTIQUE MODULAIRE**
[72] DUKES, GARRY, US
[72] TONG, XIAOLIN, US
[72] POFFENBERGER, EVERETT, US
[72] CAO, JUNXING, US
[72] YANG, XIN, US
[71] LASTAR, INC., US
[85] 2017-03-09
[86] 2015-09-14 (PCT/US2015/049996)
[87] (WO2016/040945)
[30] US (14/485,344) 2014-09-12

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[21] **2,960,841**
[13] A1
[51] **Int.Cl. C08G 59/42 (2006.01) C08G 59/20 (2006.01) C08L 63/00 (2006.01)**
[25] EN
[54] **TOUGHENING OF ANHYDRIDE CURED THERMOSETTING EPOXY POLYMERS USING GRAFTED TRIGLYCERIDES**
[54] **DURCISSEMENT DE POLYMERES EPOXY THERMODURCISSABLES DURCIS A L'ANHYDRIDE AU MOYEN DE TRIGLYCERIDES GREFFES**
[72] PALMESE, GIUSEPPE R., US
[72] YADAV, SANTOSH KUMAR, US
[72] HU, FENGSHUO, US
[71] DREXEL UNIVERSITY, US
[85] 2017-03-09
[86] 2015-09-10 (PCT/US2015/049314)
[87] (WO2016/040559)
[30] US (62/049,884) 2014-09-12

[21] **2,960,842**
[13] A1
[51] **Int.Cl. A61G 7/10 (2006.01) A47D 13/02 (2006.01) A61F 5/37 (2006.01) A61G 1/01 (2006.01) A61G 1/04 (2006.01)**
[25] EN
[54] **INFANT PATIENT TRANSFER DEVICE WITH VAPOR BARRIER**
[54] **DISPOSITIF DE TRANSFERT DE PATIENTS NOURRISSONS A BARRIERE DE VAPEUR**
[72] BELSINGER, HARRY EDWARD, JR., US
[72] FALK, STEVEN MITCHELL, US
[72] STARR, KAREN P., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-03-09
[86] 2015-09-15 (PCT/US2015/050155)
[87] (WO2016/044253)
[30] US (14/490,135) 2014-09-18

---

[21] **2,960,851**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) G08C 17/00 (2006.01) H02J 9/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO REPLACE AN ELECTRICAL POWER MODULE IN A WIRELESS VALVE POSITIONER WITHOUT POWER DISRUPTION**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REMPLACER UN MODULE D'ALIMENTATION ELECTRIQUE DANS UN POSITIONNEUR DE VANNE SANS FIL SANS INTERRUPTION D'ALIMENTATION**
[72] CARTER, PERRY K., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-03-09
[86] 2015-09-17 (PCT/US2015/050566)
[87] (WO2016/044516)
[30] US (14/488,779) 2014-09-17

---

[21] **2,960,864**
[13] A1
[51] **Int.Cl. A47G 9/10 (2006.01) B68G 5/02 (2006.01)**
[25] EN
[54] **DUAL DENSITY MOLDED FOAM PILLOW**
[54] **OREILLER EN MOUSSE MOULEE A DEUX DENSITES**
[72] IVES, JAMES T., US
[71] TEMPUR-PEDIC MANAGEMENT, LLC, US
[85] 2017-03-09
[86] 2015-09-29 (PCT/US2015/052839)
[87] (WO2016/053974)
[30] US (62/057,646) 2014-09-30

---

[21] **2,960,869**
[13] A1
[51] **Int.Cl. B64D 27/26 (2006.01) B64F 5/50 (2017.01) F02C 7/20 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR MOUNTING AN ENGINE ON AN AIRCRAFT PYLON**
[54] **PROCEDE ET DISPOSITIF DE MONTAGE D'UN MOTEUR SUR UN PYLONE D'AERONEF**
[72] LAMBEY, MARIO, FR
[72] BEUTIN, BRUNO ALBERT, FR
[72] TESNIERE, MARC PATRICK, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-03-09
[86] 2015-09-16 (PCT/FR2015/052478)
[87] (WO2016/042264)
[30] FR (1458756) 2014-09-16

---

[21] **2,960,895**
[13] A1
[51] **Int.Cl. H01R 13/52 (2006.01) H01R 13/533 (2006.01)**
[25] EN
[54] **PLUG CONNECTOR HOUSING WITH A SEAL**
[54] **BOITIER POUR CONNECTEUR MUNI D'UNE GARNITURE D'ETANCHEITE**
[72] BEISCHER, THOMAS, DE
[72] HEIMANN, THOMAS, DE
[72] NASS, ANDREAS, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2017-03-10
[86] 2015-08-19 (PCT/DE2015/100346)
[87] (WO2016/041546)
[30] DE (10 2014 113 481.8) 2014-09-18

---

[21] **2,960,896**
[13] A1
[51] **Int.Cl. H01R 13/713 (2006.01) H01R 13/703 (2006.01)**
[25] EN
[54] **PLUG**
[54] **CONNECTEUR ENFICHABLE**
[72] NASS, ANDREAS, DE
[72] WOLFF, HANNO HARRY, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2017-03-10
[86] 2015-10-05 (PCT/DE2015/100412)
[87] (WO2016/055055)
[30] DE (10 2014 114 632.8) 2014-10-09

---

[21] **2,960,898**
[13] A1
[51] **Int.Cl. B64C 1/12 (2006.01) B64C 3/26 (2006.01) B64D 45/02 (2006.01) F16B 5/02 (2006.01) F16B 33/06 (2006.01) C09D 123/02 (2006.01) C09D 127/18 (2006.01)**
[25] FR
[54] **FASTENER USING LUBRICATED INTERFERENCE FIT**
[54] **FIXATION EN INTERFERENCE LUBRIFIEE**
[72] BOURGES, LAURENT, US
[72] STEPHAN, JOHAN, FR
[72] VANDAELE, CHRISTOPHE, FR
[71] LISI AEROSPACE, FR
[85] 2017-03-09
[86] 2015-09-29 (PCT/EP2015/072468)
[87] (WO2016/050791)
[30] FR (1459269) 2014-09-30

---

[21] **2,960,901**
[13] A1
[51] **Int.Cl. A61J 1/03 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL PACKAGE**
[54] **EMBALLAGE PHARMACEUTIQUE**
[72] WAGNER, JOHN, DK
[72] WAGNER, FLEMMING, DK
[71] MEDCOMB HOLDINGS APS, DK
[85] 2017-03-10
[86] 2015-09-08 (PCT/DK2015/050270)
[87] (WO2016/037626)
[30] DK (PA 2014 70564) 2014-09-12
[30] DK (PA 2015 70092) 2015-02-19

[21] **2,960,907**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/057 (2006.01) A47J 31/10 (2006.01) A47J 31/46 (2006.01)**
[25] EN
[54] **MACHINE FOR BREWING TEA**
[54] **MACHINE AUTOMATIQUE POUR L'INFUSION DU THE**
[72] KRINITCHKO, BOGDAN, CH
[71] KRINITCHKO, BOGDAN, CH
[85] 2017-03-10
[86] 2015-09-10 (PCT/EP2015/070693)
[87] (WO2016/041835)
[30] CH (01419/14) 2014-09-19
[30] CH (00966/15) 2015-07-03

---

[21] **2,960,917**
[13] A1
[51] **Int.Cl. G05B 19/042 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONNECTING AND CONTROLLING MULTIPLE DEVICES**
[54] **SYSTEME DE CONNEXION ET DE COMMANDE DE PLUSIEURS DISPOSITIFS**
[72] COOTE, MATTHEW TIMOTHY, GB
[71] CENTRICA CONNECTED HOME LIMITED, GB
[85] 2017-03-10
[86] 2015-09-10 (PCT/GB2015/052619)
[87] (WO2016/038374)
[30] US (62/048,914) 2014-09-11

---

[21] **2,960,922**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/41 (2006.01) A47J 43/12 (2006.01)**
[25] EN
[54] **MILK FROTHER APPLIANCE, DRINKS PREPARATION SYSTEM AND A DRINKS PREPARATION MACHINE**
[54] **APPAREIL A FAIRE MOUSSER LE LAIT, SYSTEME DE PREPARATION DE BOISSONS ET MACHINE DE PREPARATION DE BOISSONS**
[72] BALKAU, WERNER, CH
[71] QBO COFFEE GMBH, CH
[85] 2017-03-10
[86] 2015-09-22 (PCT/EP2015/071797)
[87] (WO2016/046240)
[30] EP (14186264.9) 2014-09-24

---

[21] **2,960,923**
[13] A1
[51] **Int.Cl. C08L 83/12 (2006.01) C08L 63/00 (2006.01) C09J 183/12 (2006.01)**
[25] EN
[54] **TWO-COMPONENT COMPOSITION**
[54] **COMPOSITION A DEUX COMPOSANTS**
[72] BURCKHARDT, URS, CH
[72] KELCH, STEFFEN, CH
[72] STADELMANN, URSULA, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2017-03-10
[86] 2015-09-25 (PCT/EP2015/072126)
[87] (WO2016/050646)
[30] EP (14187372.9) 2014-10-01

---

[21] **2,960,939**
[13] A1
[51] **Int.Cl. G06K 19/077 (2006.01) B28B 23/00 (2006.01)**
[25] FR
[54] **CONSTRUCTION ELEMENT INCORPORATING AN ELECTRONIC SYSTEM AND METHOD FOR THE PRODUCTION THEREOF**
[54] **ELEMENT DE CONSTRUCTION INCORPORANT UN SYSTEME ELECTRONIQUE ET SON PROCEDE DE FABRICATION**
[72] MELET, ROLLAND, FR
[71] MELET, ROLLAND, FR
[85] 2017-03-10
[86] 2015-09-16 (PCT/FR2015/000183)
[87] (WO2016/051030)
[30] FR (14/02219) 2014-10-02

---

[21] **2,960,941**
[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/41 (2006.01) A47J 43/12 (2006.01)**
[25] EN
[54] **MILK FROTHER APPLIANCE, DRINKS PREPARATION SYSTEM AND A DRINKS PREPARATION MACHINE**
[54] **APPAREIL A FAIRE MOUSSER LE LAIT, SYSTEME DE PREPARATION DE BOISSONS ET MACHINE DE PREPARATION DE BOISSONS**
[72] BALKAU, WERNER, CH
[71] QBO COFFEE GMBH, CH
[85] 2017-03-10
[86] 2015-09-22 (PCT/EP2015/071795)
[87] (WO2016/046239)
[30] EP (14186265.6) 2014-09-24

---

[21] **2,960,942**
[13] A1
[51] **Int.Cl. C22C 21/06 (2006.01) C22F 1/047 (2006.01)**
[25] FR
[54] **WROUGHT PRODUCT MADE OF A MAGNESIUM-LITHIUM-ALUMINUM ALLOY**
[54] **PRODUIT CORROYE EN ALLIAGE ALUMINIUM MAGNESIUM LITHIUM**
[72] POUGET, GAELLE, FR
[72] BES, BERNARD, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2017-03-10
[86] 2015-09-29 (PCT/FR2015/052580)
[87] (WO2016/051060)
[30] FR (14/02186) 2014-09-29
[30] FR (14/02187) 2014-09-29

---

[21] **2,960,947**
[13] A1
[51] **Int.Cl. C22F 1/047 (2006.01) C22C 21/06 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING PRODUCTS MADE OF MAGNESIUM-LITHIUM-ALUMINUM ALLOY**
[54] **PROCEDE DE FABRICATION DE PRODUITS EN ALLIAGE ALUMINIUM MAGNESIUM LITHIUM**
[72] POUGET, GAELLE, FR
[72] BES, BERNARD, FR
[71] CONSTELLIUM ISSOIRE, FR
[85] 2017-03-10
[86] 2015-09-29 (PCT/FR2015/052581)
[87] (WO2016/051061)
[30] FR (14/02186) 2014-09-29
[30] FR (14/02187) 2014-09-29

---

[21] **2,960,954**
[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01)**
[25] EN
[54] **SEAL LOCK DOWN**
[54] **VERROUILLAGE ETANCHE**
[72] BORAK, EUGENE ALLEN, JR., US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
[85] 2017-03-10
[86] 2015-09-10 (PCT/US2015/049365)
[87] (WO2016/040586)
[30] US (14/482,847) 2014-09-10

[21] **2,960,960**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61P 19/02 (2006.01) A61P 29/02 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING OSTEOARTHRITIS PAIN**
[54] **METHODES DE TRAITEMENT D'UNE DOULEUR OSTEOARTHRITIQUE**
[72] TURKEL, CATHERINE C., US
[72] JIANG, GUANG-LIANG, US
[72] DEGRYSE, RONALD E., US
[71] ALLERGAN, INC., US
[85] 2017-03-10
[86] 2015-08-31 (PCT/US2015/047792)
[87] (WO2016/040039)
[30] US (62/049,759) 2014-09-12
[30] US (62/052,833) 2014-09-19

[21] **2,960,974**
[13] A1
[51] **Int.Cl. A61F 13/15 (2006.01) A61F 13/511 (2006.01) A61F 13/512 (2006.01) A61F 13/536 (2006.01) A61F 13/537 (2006.01)**
[25] EN
[54] **PROCESS FOR MAKING AN ABSORBENT ARTICLE COMPRISING A TOPSHEET/ACQUISITION LAYER LAMINATE**
[54] **PROCEDE DE FABRICATION D'UN ARTICLE ABSORBANT COMPRENANT UN STRATIFIE DE FEUILLE SUPERIEURE/COUCHE D'ACQUISITION**
[72] ROSATI, RODRIGO, DE
[72] ORR, JILL M., US
[72] GRENIER, ADRIEN, DE
[72] KNAPMEYER, JAMES T., US
[72] STRUBE, JOHN B., US
[72] CHATTERJEE, ANIRUDDHA, DE
[72] RITTER, MATTHEW S., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-10
[86] 2015-09-03 (PCT/US2015/048302)
[87] (WO2016/040090)
[30] US (62/049,376) 2014-09-12
[30] US (62/049,377) 2014-09-12
[30] US (62/049,378) 2014-09-12
[30] US (62/049,379) 2014-09-12
[30] US (62/049,380) 2014-09-12
[30] US (62/049,382) 2014-09-12
[30] US (62/049,383) 2014-09-12
[30] US (62/049,386) 2014-09-12
[30] US (62/049,387) 2014-09-12
[30] US (62/049,388) 2014-09-12
[30] US (62/049,389) 2014-09-12
[30] US (62/049,516) 2014-09-12
[30] US (62/049,521) 2014-09-12
[30] US (62/049,392) 2014-09-12
[30] US (62/210,005) 2015-08-26
[30] US (62/210,014) 2015-08-26
[30] US (62/210,020) 2015-08-26
[30] US (62/210,057) 2015-08-26

[21] **2,960,976**
[13] A1
[51] **Int.Cl. H04B 3/56 (2006.01) H04W 40/34 (2009.01) H04B 17/30 (2015.01) H04B 17/373 (2015.01) H04B 3/46 (2015.01) H04B 3/54 (2006.01) H04L 12/703 (2013.01) G01R 31/04 (2006.01)**
[25] EN
[54] **MONITORING AND MITIGATING CONDITIONS IN A COMMUNICATION NETWORK**
[54] **SURVEILLANCE ET ATTENUATION DES CONDITIONS DANS UN RESEAU DE COMMUNICATION**
[72] FUCHS, MITCHELL HARVEY, US
[72] GERSZBERG, IRWIN, US
[71] AT&T INTELLECTUAL PROPERTY I, LP, US
[85] 2017-03-10
[86] 2015-08-28 (PCT/US2015/047315)
[87] (WO2016/043949)
[30] US (14/488,346) 2014-09-17

[21] **2,960,977**
[13] A1
[51] **Int.Cl. G01S 5/00 (2006.01) G01C 21/36 (2006.01) G01D 4/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO LOCATE UTILITY METER ENDPOINTS OF INTEREST**
[54] **PROCEDES ET APPAREILS POUR LOCALISER LES POINTS D'EXTREMITE INTERESSANTS DE COMPTEUR DE RESEAU DE DISTRIBUTION**
[72] CORNWALL, MARK, US
[72] LAUGHTON, ASA JAY, US
[71] ITRON, INC., US
[85] 2017-03-10
[86] 2015-09-04 (PCT/US2015/048622)
[87] (WO2016/040175)
[30] US (14/483,901) 2014-09-11

[21] **2,961,007**
[13] A1
[51] **Int.Cl. C08J 3/18 (2006.01) C08J 5/18 (2006.01) C08L 67/02 (2006.01)**
[25] EN
[54] **METHODS FOR PLASTICIZING POLY(ETHYLENE FURANOATE) FILMS BY WATER SORPTION**
[54] **PROCEDES DE PLASTIFICATION DE FILMS DE POLY(FURANOATE D'ETHYLENE) PAR SORPTION D'EAU**
[72] MOFFITT, RONALD D., US
[72] KRIEGEL, ROBERT, US
[72] MUBARAK, CHRISTOPHER, US
[72] KOROS, WILLIAM J., US
[72] BURGESS, STEVEN K., US
[72] MIKKILINENI, DHARMIK S., US
[72] YU, DANIEL, US
[72] KIM, DANNY J., US
[71] THE COCA-COLA COMPANY, US
[71] GEORGIA TECH RESEARCH CORPORATION, US
[85] 2017-03-10
[86] 2015-09-15 (PCT/US2015/050244)
[87] (WO2016/044307)
[30] US (62/051,168) 2014-09-16

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[21] **2,961,008**
[13] A1
[51] **Int.Cl. H01S 3/00 (2006.01) B23K 26/067 (2006.01) B23K 26/32 (2014.01) B23K 26/40 (2014.01) H01S 3/067 (2006.01) H01S 3/23 (2006.01) H01S 5/026 (2006.01) G02B 26/08 (2006.01)**
[25] EN
[54] **LASER SOURCE, PARTICULARLY FOR INDUSTRIAL PROCESSES**
[54] **SOURCE LASER DESTINEE EN PARTICULIER A DES PROCEDES INDUSTRIELS**
[72] MAGNANO, NUNZIO, IT
[72] GATTIGLIO, MAURIZIO, IT
[71] COMAU S.P.A., IT
[85] 2017-03-10
[86] 2015-09-22 (PCT/IB2015/057282)
[87] (WO2016/046735)
[30] IT (TO2014A000766) 2014-09-26

---

[21] **2,961,013**
[13] A1
[51] **Int.Cl. A41D 1/08 (2006.01) A41B 9/00 (2006.01) A41B 9/12 (2006.01)**
[25] EN
[54] **GARMENT FOR CYCLISTS**
[54] **VETEMENT POUR CYCLISTES**
[72] BARDINI BRUNO, CH
[71] SCISSORS LLC AUSTIN TEXAS SUCCURSALE DI CHIASSO, CH
[71] BARDINI BRUNO, CH
[85] 2017-03-10
[86] 2015-09-09 (PCT/IT2015/000218)
[87] (WO2016/038640)
[30] IT (MN2014A000007) 2014-09-12

---

[21] **2,961,038**
[13] A1
[51] **Int.Cl. G02B 27/01 (2006.01) A61F 9/06 (2006.01) B23K 9/32 (2006.01) G10L 15/00 (2013.01) H04N 13/02 (2006.01)**
[25] EN
[54] **STEREOSCOPIC HELMET DISPLAY**
[54] **CASQUE D'AFFICHAGE STEREOSCOPIQUE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-10
[86] 2015-10-04 (PCT/US2015/053903)
[87] (WO2016/073093)
[30] US (14/532,734) 2014-11-04

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[21] **2,961,039**
[13] A1
[51] **Int.Cl. B67D 7/02 (2010.01) A47K 5/12 (2006.01) A47L 17/00 (2006.01)**
[25] EN
[54] **MULTIFUNCTIONAL DISPENSING DEVICE FOR DISPENSING FLUID COMPOSITIONS**
[54] **DISPOSITIF DE DISTRIBUTION MULTIFONCTIONNEL POUR LA DISTRIBUTION DE COMPOSITIONS FLUIDES**
[72] HOEFTE, PAULUS, ANTONIUS AUGUSTINUS, BE
[72] LAHUERTA SALAS, OLGA, SG
[72] DOYLE, DOMINIC ROBERT, ES
[72] GOBBER, CEDRIC, ES
[72] GARCIA FABREGA, RUBEN, ES
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-10
[86] 2015-10-07 (PCT/US2015/054342)
[87] (WO2016/057586)
[30] US (14/511,204) 2014-10-10

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[21] **2,961,040**
[13] A1
[51] **Int.Cl. B67D 7/02 (2010.01) A47K 5/12 (2006.01) A47L 17/00 (2006.01)**
[25] EN
[54] **METHOD OF DISPENSING A FLUID COMPOSITION FROM A MULTI-FUNCTIONAL DISPENSING DEVICE**
[54] **PROCEDE DE DISTRIBUTION D'UNE COMPOSITION DE FLUIDE DEPUIS UN DISPOSITIF DE DISTRIBUTION MULTIFONCTION**
[72] LAHUERTA SALAS, OLGA, SG
[72] HOEFTE, PAULUS ANTONIUS AUGUSTINUS, BE
[72] DOYLE, DOMINIC ROBERT, ES
[72] GOBBER, CEDRIC, ES
[72] GARCIA FABREGA, RUBEN, ES
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-10
[86] 2015-10-07 (PCT/US2015/054343)
[87] (WO2016/057587)
[30] US (14/511,208) 2014-10-10

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[21] **2,961,042**
[13] A1
[51] **Int.Cl. B41F 31/02 (2006.01) B41F 33/00 (2006.01)**
[25] EN
[54] **INK SUPPLY SYSTEMS FOR PRINTING PRESSES**
[54] **SYSTEMES D'ALIMENTATION EN ENCRE POUR PRESSES A IMPRIMER**
[72] ZETZL, AMY E., US
[72] GROSS, MICHEL F., US
[71] GEORGIA-PACIFIC CORRUGATED LLC, US
[85] 2017-03-10
[86] 2015-10-07 (PCT/US2015/054402)
[87] (WO2016/057621)
[30] US (14/508,761) 2014-10-07

[21] **2,961,063**
[13] A1
[51] **Int.Cl. G08C 17/02 (2006.01)**
[25] FR
[54] **ARCHITECTURE FOR OBSERVING A PLURALITY OF OBJECTS ARRANGED IN GEOGRAPHICALLY SEPARATE LOCATIONS AND METHOD OF COLLECTING THE ASSOCIATED OBSERVATION DATA**
[54] **ARCHITECTURE D'OBSERVATION D'UNE PLURALITE D'OBJETS DISPOSES DANS DES ENDROITS GEOGRAPHIQUES DISTINCTS ET PROCEDE DE COLLECTE DE DONNEES D'OBSERVATION ASSOCIE**
[72] PERAGIN, ERIC, FR
[71] CENTRE NATIONAL D'ETUDES SPATIALES, FR
[85] 2017-03-10
[86] 2015-09-25 (PCT/EP2015/072164)
[87] (WO2016/046395)
[30] FR (14 59153) 2014-09-26

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[21] **2,961,076**
[13] A1
[51] **Int.Cl. G01M 13/00 (2006.01) B23D 59/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS TO TEST AN AUTOMATIC STOP SAFETY FEATURE OF A ROTARY SAW**
[54] **PROCEDE ET APPAREIL DE TEST D'UNE FONCTIONNALITE DE SECURITE D'ARRET AUTOMATIQUE D'UNE SCIE CIRCULAIRE**
[72] HE, FAN, US
[72] JIANG, HAI, US
[72] TABADDOR, MAHMOOD, US
[71] UL LLC, US
[85] 2017-03-10
[86] 2015-10-22 (PCT/US2015/056801)
[87] (WO2016/069357)
[30] US (14/530,531) 2014-10-31

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[21] **2,961,093**
[13] A1
[51] **Int.Cl. B23K 37/04 (2006.01) B23K 9/095 (2006.01) B23K 9/12 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ARRANGING WELDING DEVICE MARKERS**
[54] **SYSTEME ET PROCEDE DE DISPOSITION DE MARQUEURS DE DISPOSITIF DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[72] WEBER, JEFFREY DALE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-10
[86] 2015-11-02 (PCT/US2015/058563)
[87] (WO2016/073331)
[30] US (62/075,698) 2014-11-05
[30] US (14/928,645) 2015-10-30

---

[21] **2,961,106**
[13] A1
[51] **Int.Cl. A24D 1/02 (2006.01) A24D 3/06 (2006.01) A24D 3/10 (2006.01) A24D 1/18 (2006.01)**
[25] EN
[54] **FILTER ELEMENT FOR A SMOKING ARTICLE**
[54] **ELEMENT DE FILTRE POUR ARTICLE A FUMER**
[72] KONTAREV, ALEXANDR, DE
[71] JT INTERNATIONAL SA, CH
[85] 2017-03-13
[86] 2015-07-28 (PCT/EP2015/067291)
[87] (WO2016/016252)
[30] EP (14179276.2) 2014-07-31

---

[21] **2,961,114**
[13] A1
[51] **Int.Cl. E05D 7/12 (2006.01) E05D 5/08 (2006.01)**
[25] EN
[54] **FURNITURE HINGE**
[54] **CHARNIERE DE MEUBLE**
[72] HIRTSIEFER, ARTUR, DE
[72] RODDER, BERND, DE
[71] SAMET KALIP VE MADEN ESYA SAN. VE TIC. A.S., TR
[85] 2017-03-13
[86] 2015-09-04 (PCT/EP2015/070258)
[87] (WO2016/045939)
[30] DE (10 2014 113 713.2) 2014-09-23

---

[21] **2,961,116**
[13] A1
[51] **Int.Cl. E03F 1/00 (2006.01) E03F 5/10 (2006.01)**
[25] EN
[54] **A PLASTIC INFILTRATION UNIT, A SYSTEM COMPRISING A PLURALITY OF PLASTIC INFILTRATION UNITS**
[54] **UNITE D'INFILTRATION EN PLASTIQUE, SYSTEME COMPRENANT UNE PLURALITE D'UNITES D'INFILTRATION EN PLASTIQUE**
[72] VAN DER SCHEER, MARCO, NL
[72] VAN DIJK, BEREND JAN, NL
[71] WAVIN B.V., NL
[85] 2017-03-13
[86] 2015-09-18 (PCT/EP2015/071461)
[87] (WO2016/042140)
[30] NL (1040958) 2014-09-19

[21] **2,961,122**
[13] A1
[51] **Int.Cl. E03F 1/00 (2006.01) E03F 5/10 (2006.01)**
[25] EN
[54] **A PLASTIC INFILTRATION UNIT, A SYSTEM COMPRISING A PLURALITY OF PLASTIC INFILTRATION UNITS, A METHOD OF MANUFACTURING AN INJECTION MOLDED PLASTIC PILLAR FOR AN INFILTRATION UNIT, A PLASTIC BASE PLATE FOR USE WITH A PLASTIC INFILTRATION UNIT, AND A PLASTIC INFILTRATION SYSTEM FOR DEPLOYMENT UNDERGROUND COMPRISING A PLASTIC INFILTRATION UNIT AND A PLASTIC ...**
[54] **UNITE D'INFILTRATION EN MATIERE PLASTIQUE, SYSTEME COMPRENANT UNE PLURALITE D'UNITES D'INFILTRATION EN MATIERE PLASTIQUE, PROCEDE DE FABRICATION D'UN PILIER EN MATIERE PLASTIQUE MOULE PAR INJECTION DESTINE A UNE UNITE D'INFILTRATION, PLAQUE DE BASE EN MATIERE PLASTIQUE DESTINEE A ETRE UTILISEE AVEC UNE UNITE D'INFILTRATION EN MATIERE PLASTIQUE, ET SYSTEME...**
[72] VAN DER SCHEER, MARCO, NL
[72] VAN DIJK, BEREND JAN, NL
[71] WAVIN B.V., NL
[85] 2017-03-13
[86] 2015-09-18 (PCT/EP2015/071462)
[87] (WO2016/042141)
[30] NL (1040956) 2014-09-19

---

[21] **2,961,124**
[13] A1
[51] **Int.Cl. C25D 3/22 (2006.01) C25D 3/56 (2006.01)**
[25] EN
[54] **ACIDIC ZINC AND ZINC-NICKEL ALLOY PLATING BATH COMPOSITION AND ELECTROPLATING METHOD**
[54] **COMPOSITION ACIDE DE BAIN DE PLACAGE DE ZINC ET D'ALLIAGE DE ZINC ET DE NICKEL ET PROCEDE D'ELECTROPLACAGE**
[72] KACZMAREK, MICHAL, DE
[72] RICHTER, ANTJE, DE
[72] BEDRNIK, LUKAS, CZ
[72] SIBURGE, ERIC, DE
[71] ATOTECH DEUTSCHLAND GMBH, DE
[85] 2017-03-13
[86] 2015-10-19 (PCT/EP2015/074150)
[87] (WO2016/066467)
[30] EP (14190510.9) 2014-10-27

---

[21] **2,961,125**
[13] A1
[51] **Int.Cl. C08J 5/18 (2006.01) B32B 17/10 (2006.01) B32B 37/00 (2006.01) C08L 23/08 (2006.01)**
[25] EN
[54] **FILM WITH MODERATE CROSSLINKING**
[54] **FILM A RETICULATION MODEREE**
[72] COSTA, FRANCIS, AT
[72] BERGQVIST, MATTIAS, SE
[72] HELLSTROM, STEFAN, SE
[72] BROEDERS, BERT, BE
[72] GALGALI, GIRISH SURESH, AT
[72] PIEL, TANJA, AT
[72] SULTAN, BERNT-AKE, SE
[72] VERHEULE, BART, BE
[72] ODERKERK, JEROEN, SE
[71] BOREALIS AG, AT
[85] 2017-03-13
[86] 2015-09-15 (PCT/EP2015/071072)
[87] (WO2016/041946)
[30] EP (14185403.4) 2014-09-18

---

[21] **2,961,130**
[13] A1
[51] **Int.Cl. H05B 7/18 (2006.01) B23K 9/073 (2006.01) H05H 1/36 (2006.01)**
[25] EN
[54] **POWER SUPPLY FOR ELECTRIC ARC GAS HEATER**
[54] **SOURCE D'ALIMENTATION POUR RECHAUFFEUR A GAZ A ARC ELECTRIQUE**
[72] OSTERMEYER, JOHN, BE
[72] HEULENS, JEROEN, BE
[71] UMICORE, BE
[85] 2017-03-13
[86] 2015-09-25 (PCT/EP2015/072084)
[87] (WO2016/050627)
[30] EP (14187236.6) 2014-10-01

---

[21] **2,961,140**
[13] A1
[51] **Int.Cl. B62K 27/12 (2006.01) B62K 5/003 (2013.01) B62D 63/08 (2006.01) B62K 13/00 (2006.01) A61G 5/00 (2006.01)**
[25] EN
[54] **HUMAN-PROPELLABLE VEHICLE**
[54] **VEHICULE EN MESURE D'ETRE PROPULSE PAR L'HOMME**
[72] WILLIAMS, CALVIN JOHN LLEWELYN, GB
[72] DAVIES, PAUL HOWARD, GB
[71] GOWER COLLEGE SWANSEA, GB
[85] 2017-03-13
[86] 2015-09-18 (PCT/GB2015/052703)
[87] (WO2016/042339)
[30] GB (1416610.2) 2014-09-19

---

[21] **2,961,143**
[13] A1
[51] **Int.Cl. A24D 1/02 (2006.01) A24F 47/00 (2006.01) A61M 11/00 (2006.01)**
[25] EN
[54] **HYDROPHOBIC WRAPPER**
[54] **ENVELOPPE HYDROPHOBE**
[72] BESSO, CLEMENT, CH
[72] GUYARD, AURELIEN, CH
[72] MINZONI, MIRKO, CH
[72] KADIRIC, ALEN, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2017-03-13
[86] 2015-10-15 (PCT/IB2015/057943)
[87] (WO2016/063180)
[30] US (62/066,068) 2014-10-20

[21] **2,961,144**
[13] A1
[51] **Int.Cl. H02M 1/36 (2007.01) H02H 7/04 (2006.01) H02H 9/00 (2006.01)**
[25] EN
[54] **PREMAGENTIZING OF MMC CONNECTED TRANSFORMER**
[54] **PRE-AIMANTATION DE TRANSFORMATEUR CONNECTE MMC**
[72] TURNER, ROBERT, NZ
[71] ABB SCHWEIZ AG, CH
[85] 2017-03-13
[86] 2015-09-22 (PCT/EP2015/071749)
[87] (WO2016/058794)
[30] EP (14189388.3) 2014-10-17

---

[21] **2,961,164**
[13] A1
[51] **Int.Cl. B66F 3/30 (2006.01) B66F 5/04 (2006.01)**
[25] EN
[54] **PORTABLE SELF-LOCKING LIFT SYSTEM**
[54] **SYSTEME DE LEVAGE PORTABLE A AUTO-VERROUILLAGE**
[72] DECKER, ARNOLD, US
[71] ACTUANT CORPORATION, US
[85] 2017-03-13
[86] 2015-08-05 (PCT/US2015/043873)
[87] (WO2016/043859)
[30] US (62/051,607) 2014-09-17

---

[21] **2,961,165**
[13] A1
[51] **Int.Cl. A01F 15/08 (2006.01) A01F 15/04 (2006.01)**
[25] EN
[54] **SQUARE BALER PROVIDING SIDE-TO-SIDE BALE UNIFORMITY**
[54] **RAMASSEUSE-PRESSE DE BALLES CARREES FOURNISSANT UNE UNIFORMITE DE BALLE LATERALE**
[72] SCHRAG, THOMAS G., US
[72] RETZLAFF, LAWRENCE D., US
[71] AGCO CORPORATION, US
[85] 2017-03-10
[86] 2015-12-14 (PCT/US2015/065593)
[87] (WO2016/100223)
[30] US (62/093,875) 2014-12-18

---

[21] **2,961,167**
[13] A1
[51] **Int.Cl. C01B 32/20 (2017.01) C01B 32/15 (2017.01) C01B 32/22 (2017.01) C01B 33/02 (2006.01) C01B 33/12 (2006.01) C01B 35/00 (2006.01) C01B 35/10 (2006.01)**
[25] EN
[54] **CARBON COMPOSITES**
[54] **COMPOSITES A BASE DE CARBONE**
[72] XU, ZHIYUE, US
[72] ZHAO, LEI, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-03-13
[86] 2015-08-13 (PCT/US2015/044950)
[87] (WO2016/043876)
[30] US (14/488,851) 2014-09-17

---

[21] **2,961,169**
[13] A1
[51] **Int.Cl. C09K 8/00 (2006.01) C04B 24/24 (2006.01) C09K 3/22 (2006.01) C09K 8/035 (2006.01) C09K 8/44 (2006.01) C09K 8/508 (2006.01) C09K 8/575 (2006.01) C09K 8/588 (2006.01) C09K 17/18 (2006.01) E21B 21/00 (2006.01) E21B 33/138 (2006.01) E21B 43/02 (2006.01)**
[25] EN
[54] **THERMOSETTING COMPOSITION FOR USE AS LOST CIRCULATION MATERIAL**
[54] **COMPOSITION THERMODURCISSABLE POUR UTILISATION EN TANT QUE MATERIAU DE CIRCULATION PERDU**
[72] SONNENSCHEIN, MARK F., US
[72] POINDEXTER, MICHAEL K., US
[72] SCHLEMMER, ROBERT P., US
[72] VIRGILI, JUSTIN M., US
[72] WENDT, BENJAMIN L., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-03-13
[86] 2015-09-03 (PCT/US2015/048237)
[87] (WO2016/043979)
[30] US (62/051,477) 2014-09-17

---

[21] **2,961,171**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B 33/128 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOLS COMPRISING AQUEOUS-DEGRADABLE SEALING ELEMENTS OF THERMOPLASTIC RUBBER**
[54] **OUTILS DE FOND DE TROU COMPRENANT DES ELEMENTS D'ETANCHEITE DEGRADABLES EN MILIEU AQUEUX EN CAOUTCHOUC THERMOPLASTIQUE**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] SMITH, CHARLES TIMOTHY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-10
[86] 2015-12-22 (PCT/US2015/067286)
[87] (WO2016/204814)
[30] US (PCT/US2015/035823) 2015-06-15
[30] US (PCT/US2015/035812) 2015-06-15

---

[21] **2,961,174**
[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) C08L 21/00 (2006.01) E21B 23/06 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **DOWNHOLE TOOLS COMPRISING SEALING ELEMENTS COMPOSED OF ELASTOMER AND ANHYDROUS ACID PARTICLES**
[54] **OUTILS EN PROFONDEUR DE FORAGE COMPRENANT DES ELEMENTS D'ETANCHEITE COMPOSES D'ELASTOMERE ET DE PARTICULES D'ACIDE ANHYDRE**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[72] BEUTERBAUGH, AARON M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-10
[86] 2016-02-01 (PCT/US2016/015885)
[87] (WO2016/204822)
[30] US (PCT/US2015/035823) 2015-06-15
[30] US (PCT/US2015/035812) 2015-06-15
[30] US (PCT/US2015/067286) 2015-12-22

[21] **2,961,198**
[13] A1
[51] **Int.Cl. A63H 33/10 (2006.01)**
[25] EN
[54] **CARD-LIKE STRUCTURE AND CONNECTOR TOYS FOR BUILDING**
[54] **STRUCTURE DE TYPE CARTES ET JOUETS DE CONNEXION A BUT DE CONSTRUCTION**
[72] KISLEVITZ, ADAM, US
[72] SHOLL, MARY, US
[71] THE UPPER DECK COMPANY, US
[85] 2017-03-13
[86] 2015-09-14 (PCT/US2015/050032)
[87] (WO2016/044181)
[30] US (14/487,054) 2014-09-15

---

[21] **2,961,205**
[13] A1
[51] **Int.Cl. A01K 13/00 (2006.01) A45D 24/00 (2006.01) B25G 1/10 (2006.01)**
[25] EN
[54] **GROOMING TOOL AND METHODS**
[54] **OUTILS ET PROCEDES DE TOILETTAGE**
[72] CAFASSO, DANIEL, US
[72] FAVIA, ADAM, US
[72] DAMASCHKE, KELLY, US
[72] WRIGHT, RON, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-03-13
[86] 2015-09-15 (PCT/US2015/050213)
[87] (WO2016/044287)
[30] US (62/050,875) 2014-09-16

---

[21] **2,961,210**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C07H 21/04 (2006.01) C07K 14/725 (2006.01) C07K 16/00 (2006.01) C12N 15/10 (2006.01) C12N 15/13 (2006.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01) C40B 70/00 (2006.01)**
[25] EN
[54] **HIGH-THROUGHPUT NUCLEOTIDE LIBRARY SEQUENCING**
[54] **SEQUENCAGE A HAUT DEBIT DE BANQUE DE NUCLEOTIDES**
[72] VIGNEAULT, FRANCOIS, US
[72] WRANGHAM BRIGGS, ADRIAN, US
[72] CLOUSER, CHRISTOPHER RYAN, US
[72] GOLDFLESS, STEPHEN JACOB, US
[72] TIMBERLAKE, SONIA, US
[71] ABVITRO, INC., US
[85] 2017-03-13
[86] 2015-09-15 (PCT/US2015/050119)
[87] (WO2016/044227)
[30] US (62/050,549) 2014-09-15
[30] US (62/051,832) 2014-09-17

---

[21] **2,961,255**
[13] A1
[51] **Int.Cl. B23K 37/04 (2006.01) B23K 9/095 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR WELDING SYSTEM CLAMP ASSEMBLY**
[54] **SYSTEME ET PROCEDE POUR ENSEMBLE DE SERRAGE DE SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[72] WEBER, JEFFREY DALE, US
[72] MARCUSEN, DAVID PAUL, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-13
[86] 2015-11-02 (PCT/US2015/058660)
[87] (WO2016/073370)
[30] US (62/075,705) 2014-11-05
[30] US (14/928,686) 2015-10-30

---

[21] **2,961,260**
[13] A1
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/095 (2006.01) B23K 31/00 (2006.01) B23K 37/00 (2006.01) G09B 19/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF CONTROLLING WELDING SYSTEM CAMERA EXPOSURE AND MARKER ILLUMINATION**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE L'EXPOSITION DE LA CAMERA ET DE L'ECLAIRAGE DES MARQUEURS D'UN SYSTEME DE SOUDAGE**
[72] BECKER, WILLIAM JOSHUA, US
[72] WEBER, JEFFREY DALE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-03-13
[86] 2015-11-02 (PCT/US2015/058664)
[87] (WO2016/073372)
[30] US (62/075,712) 2014-11-05
[30] US (14/928,697) 2015-10-30

---

[21] **2,961,268**
[13] A1
[51] **Int.Cl. C08L 23/08 (2006.01) H01L 31/048 (2014.01)**
[25] EN
[54] **POLYMER COMPOSITION FOR A LAYER OF A LAYER ELEMENT**
[54] **COMPOSITION POLYMERE DESTINEE A UNE COUCHE D'UN ELEMENT DE COUCHE**
[72] ODERKERK, JEROEN, SE
[72] COSTA, FRANCIS, AT
[72] VERHEULE, BART, BE
[72] PIEL, TANJA, AT
[72] SULTAN, BERNT-AKE, SE
[72] BROEDERS, BERT, BE
[72] HELLSTROM, STEFAN, SE
[72] BERGQVIST, MATTIAS, SE
[72] GALGALI, GIRISH SURESH, AT
[71] BOREALIS AG, AT
[85] 2017-03-14
[86] 2015-09-15 (PCT/EP2015/071020)
[87] (WO2016/041924)
[30] EP (14185402.6) 2014-09-18

[21] **2,961,276**
[13] A1
[51] **Int.Cl. B60S 5/00 (2006.01) B60L 11/18 (2006.01)**
[25] FR
[54] **EXTENDABLE ELECTRIC COUPLING DEVICE FOR AN ELECTRIC VEHICLE CHARGING STATION**
[54] **DISPOSITIF DE COUPLAGE ELECTRIQUE EXTENSIBLE POUR STATION DE RECHARGE DE VEHICULE ELECTRIQUE**
[72] DANIEL, RONAN, FR
[72] GOUZERH, JEAN MARC, FR
[72] LOUVEL, CHRISTIAN, FR
[71] BLUETRAM, FR
[85] 2017-03-14
[86] 2015-09-25 (PCT/EP2015/072160)
[87] (WO2016/046392)
[30] FR (1459052) 2014-09-25

---

[21] **2,961,285**
[13] A1
[51] **Int.Cl. C12N 15/63 (2006.01) C04B 20/00 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 15/10 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01) C40B 40/02 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **BIOSYNTHESIS AND ENGINEERING OF LANTHIPEPTIDES**
[54] **BIOSYNTHESE ET MODIFICATION DE LANTHIPEPTIDES**
[72] VAN DER DONK, WILFRED A., US
[72] OKESLI, AYSE, US
[72] YANG, XIAO, US
[72] WALKER, MARK, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2017-03-13
[86] 2015-09-28 (PCT/US2015/052724)
[87] (WO2016/049656)
[30] US (62/056,216) 2014-09-26

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[21] **2,961,286**
[13] A1
[51] **Int.Cl. E04B 1/94 (2006.01) A62C 2/06 (2006.01) F16J 15/14 (2006.01) F16L 5/02 (2006.01) F16L 5/04 (2006.01) H02G 3/22 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY AND SEAL SEGMENT**
[54] **MODULE D'ETANCHEITE ET SEGMENT D'ETANCHEITE**
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2017-03-14
[86] 2015-12-11 (PCT/EP2015/079347)
[87] (WO2016/092055)
[30] EP (14197290.1) 2014-12-11

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[21] **2,961,287**
[13] A1
[51] **Int.Cl. H02S 40/22 (2014.01) H02S 20/20 (2014.01) E04D 13/18 (2014.01) F24J 2/02 (2006.01) F24J 2/08 (2006.01) G02B 5/32 (2006.01) F21S 8/08 (2006.01)**
[25] EN
[54] **MODULAR SYSTEM FOR HOLOGRAPHIC SOLAR CONCENTRATION INTEGRATED IN URBAN AND ROAD ELEMENTS**
[54] **SYSTEME MODULAIRE A CONCENTRATION SOLAIRE HOLOGRAPHIQUE INTEGRE DANS DES ELEMENTS URBAINS ET ROUTIERS**
[72] RODRIGUEZ SAN SEGUNDO, HUGO-JOSE, ES
[72] CALO LOPEZ, ANTONIO, ES
[72] VILLAMARIN VILLEGAS, AYALID MIRLYDETH, ES
[72] PEREZ LOPEZ, FRANCISCO JAVIER, ES
[71] INSTITUTO HOLOGRAFICO TERRASUN, S.L., ES
[85] 2017-03-14
[86] 2015-09-15 (PCT/ES2015/070664)
[87] (WO2016/042186)
[30] ES (P201431329) 2014-09-15

---

[21] **2,961,291**
[13] A1
[51] **Int.Cl. C08J 3/20 (2006.01) B01F 5/08 (2006.01)**
[25] EN
[54] **PROCESS FOR DISPERSING PARTICLES IN FILLED RESIN COMPOSITIONS**
[54] **PROCEDE DE DISPERSION DE PARTICULES DANS DES COMPOSITIONS DE RESINE CHARGEE**
[72] KOZYUK, OLEG, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2017-03-13
[86] 2015-10-06 (PCT/US2015/054269)
[87] (WO2016/069220)
[30] US (62/072,102) 2014-10-29

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[21] **2,961,297**
[13] A1
[51] **Int.Cl. C07K 7/06 (2006.01)**
[25] EN
[54] **NOVEL PEPTIDE DERIVATIVES AND USES THEREOF**
[54] **NOUVEAUX DERIVES PEPTIDIQUES ET LEURS UTILISATIONS**
[72] VILLAIN-GUILLOT, PHILIPPE, FR
[72] GUALTIERI, MAXIME, FR
[72] RACINE, EMILIE, FR
[71] NOSOPHARM, FR
[85] 2017-03-14
[86] 2015-09-25 (PCT/EP2015/072185)
[87] (WO2016/046409)
[30] EP (14306504.3) 2014-09-26

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[21] **2,961,304**
[13] A1
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 23/03 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A SIDE POCKET MANDREL BODY**
[54] **PROCEDE DE FABRICATION D'UN CORPS DE MANDRIN A POCHE LATERALE**
[72] PETTERSEN, STALE, NO
[72] HARESTAD, KRISTIAN, NO
[71] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2017-03-14
[86] 2015-10-29 (PCT/EP2015/075109)
[87] (WO2016/071200)
[30] NO (20141300) 2014-11-03

[21] **2,961,323**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A01H 5/00 (2006.01) A01K 67/027 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **ANTI-MET ANTIBODIES AND COMPOSITIONS**
[54] **ANTICORPS ANTI-MET ET COMPOSITIONS ASSOCIEES**
[72] BOUQUIN, THOMAS, DK
[72] PEDERSEN, MIKKEL WANDAHL, DK
[72] JACOBSEN, HELLE JANE, DK
[72] POULSEN, THOMAS TUXEN, DK
[72] GRANDAL, MICHAEL MONRAD, DK
[72] KOEFOED, KLAUS, DK
[72] KRAGH, MICHAEL, DK
[72] ERIKSEN, KARSTEN WESSEL, DK
[72] CONROTTO, PAOLO, DK
[71] SYMPHOGEN A/S, DK
[85] 2017-03-14
[86] 2015-09-15 (PCT/IB2015/002110)
[87] (WO2016/042412)
[30] US (62/051,190) 2014-09-16

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[21] **2,961,340**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/20 (2011.01) C40B 30/04 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **CARDIOVASCULAR RISK EVENT PREDICTION AND USES THEREOF**
[54] **PREDICTION D'EVENEMENT DE RISQUE CARDIO-VASCULAIRE ET LEURS UTILISATIONS**
[72] STERLING, DAVID, US
[72] KATO, SHINTARO, US
[72] BRODY, EDWARD N., US
[72] WILLIAMS, STEPHEN A., US
[71] SOMALOGIC, INC., US
[85] 2017-03-14
[86] 2014-11-03 (PCT/US2014/063714)
[87] (WO2016/048388)
[30] US (62/055,984) 2014-09-26

---

[21] **2,961,342**
[13] A1
[51] **Int.Cl. B60T 13/66 (2006.01) B60T 17/22 (2006.01) B61C 17/12 (2006.01)**
[25] EN
[54] **OPTIMAL CONTROL OF AIR COMPRESSORS IN A LOCOMOTIVE CONSIST**
[54] **COMMANDE OPTIMALE DE COMPRESSEURS D'AIR DANS UN GROUPE DE TRACTION**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2017-03-14
[86] 2014-09-17 (PCT/US2014/055984)
[87] (WO2016/043725)

---

[21] **2,961,380**
[13] A1
[51] **Int.Cl. A61K 38/06 (2006.01) A61K 31/198 (2006.01) A61K 31/395 (2006.01) A61K 31/426 (2006.01) A61K 31/428 (2006.01) A61K 31/4515 (2006.01) A61K 31/4704 (2006.01) A61K 31/519 (2006.01) A61K 31/5415 (2006.01) A61K 31/551 (2006.01) A61K 31/554 (2006.01) A61K 31/724 (2006.01) A61P 25/18 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING PSYCHOTIC DISORDERS**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES PSYCHOTIQUES**
[72] KIL, JONATHAN, US
[71] SOUND PHARMACEUTICALS INCORPORATED, US
[85] 2017-03-14
[86] 2015-09-15 (PCT/US2015/050255)
[87] (WO2016/044314)
[30] US (62/050,635) 2014-09-15

---

[21] **2,961,382**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING RECOMBINANT BACILLUS CELLS AND ANOTHER BIOLOGICAL CONTROL AGENT**
[54] **COMPOSITIONS COMPRENANT DES CELLULES DE BACILLUS RECOMBINEES ET UN AUTRE AGENT DE LUTTE BIOLOGIQUE**
[72] CURTIS, DAMIAN, US
[72] THOMPSON, BRIAN, US
[71] BAYER CROPSCIENCE LP, US
[85] 2017-03-14
[86] 2015-09-17 (PCT/US2015/050592)
[87] (WO2016/044529)
[30] US (62/051,911) 2014-09-17

---

[21] **2,961,386**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) A01N 43/40 (2006.01) A01N 51/00 (2006.01) A01P 7/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING RECOMBINANT BACILLUS CELLS AND AN INSECTICIDE**
[54] **COMPOSITIONS COMPRENANT DES CELLULES DE BACILLUS RECOMBINEES ET UN INSECTICIDE**
[72] CURTIS, DAMIAN, US
[72] THOMPSON, BRIAN, US
[71] BAYER CROPSCIENCE LP, US
[85] 2017-03-14
[86] 2015-09-17 (PCT/US2015/050612)
[87] (WO2016/044542)
[30] US (62/051,919) 2014-09-17

[21] **2,961,387**
[13] A1
[51] **Int.Cl. F03D 80/40 (2016.01)**
[25] EN
[54] **ANTI-ICING WIND POWER BLADE AND BLADE DEICING AND HEATING METHOD**
[54] **PALE EOLIENNE ANTIGIVRANTE ET PROCEDE DE DEGIVRAGE ET DE CHAUFFAGE DE PALE**
[72] ZHAO, JIANGANG, CN
[72] PENG, CHAOYI, CN
[72] YANG, WENTAO, CN
[72] WANG, XIAN, CN
[72] XIE, MINGLIANG, CN
[72] CHEN, LONG, CN
[72] ZENG, JINGCHENG, CN
[71] ZHUZHOU TIMES NEW MATERIALS TECHNOLOGY CO., LTD, CN
[85] 2017-03-15
[86] 2015-03-18 (PCT/CN2015/074499)
[87] (WO2016/065807)
[30] CN (201410594991 0) 2014-10-30

---

[21] **2,961,390**
[13] A1
[51] **Int.Cl. C02F 3/02 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 1/66 (2006.01) C02F 3/00 (2006.01) C02F 3/10 (2006.01) C01B 5/00 (2006.01)**
[25] EN
[54] **METHODS OF MAKING PURIFIED WATER FROM THE FISCHER-TROPSCH PROCESS**
[54] **PROCEDES DE PRODUCTION D'EAU PURIFIEE PROVENANT DU PROCEDE FISCHER-TROPSCH**
[72] GREAGER, IVAN PHILIP, US
[72] SILVA, LAURA J., US
[72] LEA, GRAHAM, GB
[71] VELOCYS TECHNOLOGIES, LTD., GB
[85] 2017-03-14
[86] 2015-09-15 (PCT/US2015/050297)
[87] (WO2016/044348)
[30] US (62/050,753) 2014-09-15

---

[21] **2,961,403**
[13] A1
[51] **Int.Cl. C11D 1/62 (2006.01)**
[25] EN
[54] **FABRIC ENHANCER COMPOSITION**
[54] **COMPOSITION D'ACTIVATEUR POUR TEXTILE**
[72] DECLERCQ, MARC JOHAN, BE
[72] KOHLE, HANS-JURGEN, DE
[72] SAVEYN, PIETER JAN MARIA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-03-14
[86] 2015-10-06 (PCT/US2015/054193)
[87] (WO2016/057484)
[30] EP (14188030.2) 2014-10-08

---

[21] **2,961,408**
[13] A1
[51] **Int.Cl. A23L 3/04 (2006.01) A23L 3/01 (2006.01)**
[25] EN
[54] **A MICROWAVE RETORT SYSTEM, A PROCESS FOR HEATING FOOD PRODUCTS USING A MICROWAVE RETORT SYSTEM, AND FOOD PRODUCTS FORMULATED FOR MICROWAVE RETORT**
[54] **SYSTEME D'AUTOCLAVE A MICRO-ONDES, PROCEDE PERMETTANT DE CHAUFFER DES PRODUITS ALIMENTAIRES AU MOYEN D'UN SYSTEME D'AUTOCLAVE A MICRO-ONDES, ET PRODUITS ALIMENTAIRES FORMULES POUR AUTOCLAVE A MICRO-ONDES**
[72] HIRSCHEY, JOHN A., US
[72] REEVE, MICHELE L., US
[72] CASSEL, JOHN M., US
[72] BREJCHA, LISA J., US
[72] LEGAN, JAMES DAVID, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-03-14
[86] 2015-09-17 (PCT/US2015/050650)
[87] (WO2016/044571)
[30] US (62/051,601) 2014-09-17

---

[21] **2,961,411**
[13] A1
[51] **Int.Cl. G02B 3/00 (2006.01) B42D 25/328 (2014.01) B44F 1/10 (2006.01) G02B 27/06 (2006.01)**
[25] EN
[54] **SECURE LENS LAYER**
[54] **COUCHE DE LENTILLES SECURISEE**
[72] COTE, PAUL F., US
[71] CRANE SECURITY TECHNOLOGIES, INC., US
[85] 2017-03-14
[86] 2015-09-16 (PCT/US2015/050347)
[87] (WO2016/044372)
[30] US (62/050,865) 2014-09-16

---

[21] **2,961,421**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **A METHOD OF TREATING SOLID CANCERS AND/OR METASTASES THEREOF, MEDICAMENTS THEREFORE, AND A METHOD OF PREDICTING THE CLINICAL OUTCOME OF TREATING SOLID CANCERS AND/OR METASTASES THEREOF**
[54] **PROCEDE DE TRAITEMENT DE CANCERS SOLIDES ET/OU DE METASTASES DE CEUX-CI, MEDICAMENTS A CET EFFET, ET PROCEDE DE PREDICTION DES RESULTATS CLINIQUES DU TRAITEMENT DE CANCERS SOLIDESET/OU DE METASTASES DE CELUI-CI**
[72] STRAUB, JOSEF, DE
[72] STAUB, EIKE, DE
[71] MERCK PATENT GMBH, DE
[85] 2017-03-15
[86] 2015-08-18 (PCT/EP2015/001699)
[87] (WO2016/041614)
[30] US (62/051,530) 2014-09-17

[21] **2,961,423**
[13] A1
[51] **Int.Cl. F23G 5/44 (2006.01) F23G 5/00 (2006.01) F23H 1/02 (2006.01) F23H 7/00 (2006.01) F23H 7/02 (2006.01) F23H 7/04 (2006.01) F23H 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PROCESSING SLAG OCCURRING IN A COMBUSTION CHAMBER OF A REFUSE INCINERATION PLANT**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE SCORIES PRODUITES DANS UNE CHAMBRE DE COMBUSTION D'UN INCINERATEUR DE DECHETS**
[72] BRENNWALD, WERNER, CH
[72] WIESENDORF, VOLKER, CH
[71] HITACHI ZOSEN INOVA AG, CH
[85] 2017-03-15
[86] 2015-07-06 (PCT/EP2015/065305)
[87] (WO2016/041652)
[30] EP (14003213.7) 2014-09-16

---

[21] **2,961,427**
[13] A1
[51] **Int.Cl. C22C 38/14 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C25D 3/22 (2006.01)**
[25] EN
[54] **COLD-ROLLED AND RECRYSTALLIZATION ANNEALED FLAT STEEL PRODUCT, AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PRODUIT PLAT EN ACIER LAMINE A FROID ET RECUIT AVEC RECRISTALLIZATION ET PROCEDE DE PRODUCTION DUDIT PRODUIT**
[72] BLUMENAU, MARC, DE
[72] STEINEBRUNNER, JOERG, DE
[72] ZOCHER, UDO, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[71] THYSSENKRUPP AG, DE
[85] 2017-03-15
[86] 2015-09-09 (PCT/EP2015/070577)
[87] (WO2016/055227)
[30] EP (EP14188314.0) 2014-10-09

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[21] **2,961,428**
[13] A1
[51] **Int.Cl. C23C 8/26 (2006.01) C21D 8/02 (2006.01) C22C 38/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCTION OF A NITRIDED PACKAGING STEEL**
[54] **PROCEDE DE FABRICATION D'UN ACIER D'EMBALLAGE NITRE**
[72] MASSICOT, BLAISE, DE
[72] KOHL, MANUEL, DE
[72] KAUP, BURKHARD, DE
[72] SAUER, REINER, DE
[72] KLEMMER, RICARDA, DE
[72] KIEWITZ, CHRYSANTHUS, DE
[71] THYSSENKRUPP RASSELSTEIN GMBH, DE
[71] THYSSENKRUPP AG, DE
[85] 2017-03-15
[86] 2015-08-03 (PCT/EP2015/067835)
[87] (WO2016/078784)
[30] DE (10 2014 116 929.8) 2014-11-19

---

[21] **2,961,430**
[13] A1
[51] **Int.Cl. A61K 33/26 (2006.01) A61K 47/42 (2017.01) A61P 3/02 (2006.01) A61P 7/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INCREASING IRON INTAKE IN A MAMMAL**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'AUGMENTER L'ABSORPTION DE FER CHEZ UN MAMMIFERE**
[72] GILMER, JOHN, IE
[72] RADICS, GABOR, IE
[72] WHELEHAN, MICHAEL, IE
[72] WANG, JUN, IE
[72] O'FLYNN, PAT, IE
[72] LEDWIDGE, MARK, IE
[71] SOLVOTRIN THERAPEUTICS LIMITED, IE
[85] 2017-03-15
[86] 2015-09-15 (PCT/EP2015/071141)
[87] (WO2016/041995)
[30] GB (1416293.7) 2014-09-15
[30] US (62/146,897) 2015-04-13

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[21] **2,961,433**
[13] A1
[51] **Int.Cl. G06F 19/10 (2011.01) G06F 19/20 (2011.01) C12P 19/34 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DESIGN OF DIGITAL PCR FOR NON-INVASIVE PRENATAL TESTING**
[54] **CONCEPTION DE PCR NUMERIQUE POUR TEST PRENATAL NON INVASIF**
[72] SCHOENBRUNNER, NANCY, US
[72] TAI, YU CHUAN, US
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2017-03-15
[86] 2015-09-22 (PCT/EP2015/071685)
[87] (WO2016/046183)
[30] US (14/493,271) 2014-09-22

---

[21] **2,961,434**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/113 (2010.01)**
[25] EN
[54] **A METHOD FOR PREDICTING RESPONSIVENESS TO A TREATMENT WITH AN EGFR INHIBITOR**
[54] **PROCEDE DE PREDICTION DE LA SENSIBILITE A UN TRAITEMENT A L'AIDE D'UN INHIBITEUR D'EGFR**
[72] THIEBAUT, RAPHAELE, FR
[71] INTEGRAGEN, FR
[85] 2017-03-15
[86] 2015-09-25 (PCT/EP2015/072095)
[87] (WO2016/046365)
[30] EP (14306490.5) 2014-09-26

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[21] **2,961,442**
[13] A1
[51] **Int.Cl. B23K 37/04 (2006.01) B23K 26/322 (2014.01) B23K 26/32 (2014.01)**
[25] EN
[54] **WELDING OF STEEL BLANKS**
[54] **SOUDAGE D'EBAUCHES EN ACIER**
[72] RIQUELME, ANTOINE, ES
[71] AUTOTECH ENGINEERING A.I.E., ES
[85] 2017-03-15
[86] 2015-10-14 (PCT/EP2015/073821)
[87] (WO2016/059130)
[30] EP (14382394.6) 2014-10-15

[21] **2,961,443**
[13] A1
[51] **Int.Cl. C22F 1/05 (2006.01) C22C 21/02 (2006.01) C22C 21/08 (2006.01) C22F 1/043 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **AA6XXX ALUMINUM ALLOY SHEET WITH HIGH ANODIZED QUALITY AND METHOD FOR MAKING SAME**
[54] **TOLE D'ALLIAGE D'ALUMINIUM AA6XXX DE QUALITE ANODISEE ELEVEE ET SON PROCEDE DE FABRICATION**
[72] GUPTA, ALOK, CA
[72] KANG, DAEHOON, US
[72] KAMAT, RAJEEV G., US
[72] MATHUR, DEVESH, US
[71] NOVELIS INC., US
[85] 2017-03-14
[86] 2016-07-18 (PCT/US2016/042729)
[87] (WO2017/015186)
[30] US (62/194,328) 2015-07-20

---

[21] **2,961,457**
[13] A1
[51] **Int.Cl. A01M 21/04 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR INTRODUCING ELECTROMAGNETIC RADIATION EFFICIENTLY INTO SOIL**
[54] **DISPOSITIF ET PROCEDE POUR INTRODUIRE UN RAYONNEMENT ELECTROMAGNETIQUE DE MANIERE EFFICACE DANS LE SOL**
[72] KOPPERT, ARIE LEENDERT, NL
[71] AGRITRON B.V., NL
[85] 2017-03-15
[86] 2015-09-17 (PCT/NL2015/050642)
[87] (WO2016/043585)
[30] NL (2013478) 2014-09-17

---

[21] **2,961,475**
[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/02 (2006.01) A41F 1/00 (2006.01)**
[25] EN
[54] **WRAP FRONT BRA**
[54] **SOUTIEN-GORGE CROISE DEVANT**
[72] TEMPESTA, LAURA, US
[71] NIKE INNOVATE C.V., US
[85] 2017-03-15
[86] 2015-09-08 (PCT/US2015/048939)
[87] (WO2016/044002)
[30] US (62/050,990) 2014-09-16
[30] US (14/845,666) 2015-09-04

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[21] **2,961,476**
[13] A1
[51] **Int.Cl. A41C 3/00 (2006.01) A41C 3/02 (2006.01) A41F 1/00 (2006.01)**
[25] EN
[54] **WRAP BACK BRA**
[54] **SOUTIEN-GORGE ENVELOPPANT LE DOS**
[72] TEMPESTA, LAURA, US
[71] NIKE INNOVATE C.V., US
[85] 2017-03-15
[86] 2015-09-08 (PCT/US2015/048948)
[87] (WO2016/044003)
[30] US (62/050,990) 2014-09-16
[30] US (14/845,655) 2015-09-04

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[21] **2,962,612**
[13] A1
[51] **Int.Cl. A61M 5/20 (2006.01) A61M 5/142 (2006.01) A61M 5/19 (2006.01)**
[25] EN
[54] **WEARABLE AUTOMATIC INJECTION SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL D'INJECTION AUTOMATIQUE POUVANT ETRE PORTES**
[72] FRAUNHOFER, WOLFGANG, US
[72] CAMERON, JAMES, US
[72] LAURUSONIS, LINAS P., US
[71] ABBVIE INC., US
[85] 2017-03-24
[86] 2015-10-16 (PCT/US2015/056081)
[87] (WO2016/061548)
[30] US (62/065,647) 2014-10-18

---

[21] **2,962,643**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/158 (2006.01)**
[25] EN
[54] **RIGID NEEDLE INSERTION MECHANISM FOR A DRUG DELIVERY PUMP**
[54] **MECANISME D'INSERTION D'AIGUILLE RIGIDE POUR POMPE D'ADMINISTRATION DE MEDICAMENTS**
[72] DESTEFANO, MARK, US
[72] HANSON, IAN, US
[72] BENTE, PAUL, US
[72] LAURENCE, LAWTON, US
[71] UNITRACT SYRINGE PTY LTD, AU
[85] 2017-03-24
[86] 2015-09-29 (PCT/US2015/052815)
[87] (WO2016/053954)
[30] US (62/056,890) 2014-09-29
[30] US (62/133,715) 2015-03-16

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[21] **2,962,650**
[13] A1
[51] **Int.Cl. G06F 3/14 (2006.01) A61B 5/145 (2006.01) G06F 19/00 (2011.01) G09G 5/12 (2006.01)**
[25] EN
[54] **CONTINUOUS GLUCOSE MONITOR COMMUNICATION WITH MULTIPLE DISPLAY DEVICES**
[54] **COMMUNICATION DE MONITEUR DE GLUCOSE EN CONTINU AVEC DE MULTIPLES DISPOSITIFS D'AFFICHAGE**
[72] HAMPAPURAM, HARI, US
[72] COHEN, ERIC, US
[72] SMITH, BRIAN CHRISTOPHER, US
[72] HERNANDEZ-ROSAS, JOSE HECTOR, US
[72] PASCUAL, FRANCIS WILLIAM, US
[72] MENSINGER, MICHAEL ROBERT, US
[72] LARVENZ, SHAWN, US
[71] DEXCOM, INC., US
[85] 2017-03-24
[86] 2016-01-20 (PCT/US2016/014145)
[87] (WO2016/118635)
[30] US (62/106,150) 2015-01-21

[21] **2,962,676**
[13] A1
[51] **Int.Cl. F04D 29/60 (2006.01) E03F 5/22 (2006.01) F04D 13/08 (2006.01) F16G 13/16 (2006.01) F16G 15/00 (2006.01)**
[25] EN
[54] **CHAIN TENSIONING ARRANGEMENT AS WELL AS PUMP STATION**
[54] **AGENCEMENT DE TENSION DE CHAINE ET STATION DE POMPE**
[72] REIMER, JENS, SE
[71] XYLEM IP MANAGEMENT S.A R.L., LU
[85] 2017-03-27
[86] 2015-09-28 (PCT/IB2015/057421)
[87] (WO2016/051327)
[30] SE (1451168-7) 2014-10-02
[30] SE (1550380-8) 2015-03-31

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[21] **2,962,793**
[13] A1
[51] **Int.Cl. G06F 3/041 (2006.01) G06F 3/0354 (2013.01) G06F 3/14 (2006.01) G06F 9/46 (2006.01)**
[25] EN
[54] **LOW LATENCY INK RENDERING PIPELINE**
[54] **PIPELINE DE RENDU D'ENCRE A FAIBLE LATENCE**
[72] TU, XIAO, US
[72] MENON, KRISHNAN, US
[72] XIONG, FEI, US
[72] HONG, SUNG, US
[72] DUHON, DAVID WALKER, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-03-27
[86] 2015-09-29 (PCT/US2015/052755)
[87] (WO2016/053916)
[30] US (14/500,997) 2014-09-29

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[21] **2,962,811**
[13] A1
[51] **Int.Cl. A61M 25/09 (2006.01)**
[25] EN
[54] **ANCHORING GUIDEWIRE**
[54] **FIL-GUIDE D'ANCRAGE**
[72] KELLY, PATRICK W., US
[71] SANFORD HEALTH, US
[85] 2017-03-27
[86] 2015-10-14 (PCT/US2015/055513)
[87] (WO2016/061213)
[30] US (62/063,872) 2014-10-14

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[21] **2,962,813**
[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) B23K 26/342 (2014.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01) F02C 7/12 (2006.01) F23R 3/00 (2006.01)**
[25] EN
[54] **TURBOMACHINE COMPONENT, PARTICULARLY A GAS TURBINE ENGINE COMPONENT, WITH A COOLED WALL AND A METHOD OF MANUFACTURING**
[54] **COMPOSANT DE TURBOMACHINE, EN PARTICULIER COMPOSANT DE MOTEUR A TURBINE A GAZ, DOTE D'UNE PAROI REFROIDIE ET PROCEDE DE FABRICATION**
[72] LORSTAD, DANIEL, SE
[72] OFVERSTEDT, TOMAS, SE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-03-28
[86] 2015-09-23 (PCT/EP2015/071833)
[87] (WO2016/050575)
[30] EP (14187066.7) 2014-09-30

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[21] **2,962,822**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **EPHEMERAL MESSAGE GALLERIES**
[54] **GALERIES DE MESSAGES EPHEMERES**
[72] ALLEN, NICHOLAS RICHARD, US
[72] GIOVANNINI, DONALD, US
[72] LIN, CHIA YI, US
[72] MURPHY, ROBERT CORNELIUS, US
[72] SPIEGEL, EVAN, US
[71] SNAP INC., US
[85] 2017-03-27
[86] 2015-10-02 (PCT/US2015/053811)
[87] (WO2016/054562)
[30] US (14/505,478) 2014-10-02

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[21] **2,962,869**
[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01) F02C 7/36 (2006.01) F16H 1/14 (2006.01)**
[25] FR
[54] **COMPACT SPINAL TRANSMISSION**
[54] **TRANSMISSION SPINALE COMPACTE**
[72] GUILLEMONT, MAXENCE, FR
[72] BAUDUIN, LIONEL, FR
[72] BECQUERELLE, SAMUEL RAYMOND GERMAIN, FR
[72] VIEL, JULIEN, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2017-03-28
[86] 2015-10-06 (PCT/FR2015/052678)
[87] (WO2016/055727)
[30] FR (1459606) 2014-10-07

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[21] **2,962,930**
[13] A1
[51] **Int.Cl. A61M 29/00 (2006.01) A61M 29/02 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SHEATHLESS TRANSRADIAL CATHETERIZATION**
[54] **PROCEDE ET DISPOSITIF POUR CATHETERISME TRANS-RADIAL SANS GAINE**
[72] SANGHVI, KINTUR A., US
[71] CORDIS CORPORATION, US
[85] 2017-03-28
[86] 2015-09-29 (PCT/US2015/052866)
[87] (WO2016/053993)
[30] US (62/057,764) 2014-09-30

[21] **2,962,935**
[13] A1
[51] **Int.Cl. A61B 10/04 (2006.01) A61B 1/00 (2006.01) A61B 1/005 (2006.01) A61B 17/32 (2006.01)**
[25] EN
[54] **ENDOSCOPE INCLUDING A TORQUE GENERATION COMPONENT OR TORQUE DELIVERY COMPONENT DISPOSED WITHIN AN INSERTABLE PORTION OF THE ENDOSCOPE AND A SURGICAL CUTTING ASSEMBLY INSERTABLE WITHIN THE ENDOSCOPE**
[54] **ENDOSCOPE COMPRENANT UN COMPOSANT DE GENERATION DE COUPLE OU UN COMPOSANT DE DISTRIBUTION DE COUPLE DISPOSE A L'INTERIEUR D'UNE PARTIE INSERABLE DE L'ENDOSCOPE ET UN ENSEMBLE DE COUPE CHIRURGICALE POUVANT ETRE INSERE A L'INTERIEUR DE L'ENDOSCOPE**
[72] FURLONG, COSME, US
[72] MARCOUX, MICHAEL W., US
[72] WISDOM, RICHARD STEPHEN, US
[72] REBH, WILLIAM R., JR., US
[72] COSTA, EVAN, US
[72] EVANS, STEPHEN C., US
[71] INTERSCOPE, INC., US
[85] 2017-03-28
[86] 2015-09-29 (PCT/US2015/052977)
[87] (WO2016/054061)
[30] US (14/501,932) 2014-09-30

[21] **2,963,030**
[13] A1
[51] **Int.Cl. A61M 15/00 (2006.01) A61M 11/00 (2006.01) A61M 11/04 (2006.01) A61M 15/02 (2006.01) A61M 16/00 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **INHALATION DEVICE FOR USE IN AEROSOL THERAPY OF RESPIRATORY DISEASES**
[54] **DISPOSITIF D'INHALATION POUR UTILISATION DANS UNE THERAPIE PAR AEROSOL DE MALADIES RESPIRATOIRES**
[72] ALLOSERY, KOEN, BE
[72] HUBER, MARTIN, DE
[72] KOLB, TOBIAS, DE
[72] MULLINGER, BERNHARD, DE
[72] SCHICK, JULIANE, DE
[72] DEPLA, ERIK, BE
[71] VECTURA GMBH, DE
[71] ABLYNX N.V., BE
[85] 2017-03-29
[86] 2015-10-09 (PCT/EP2015/073486)
[87] (WO2016/055655)
[30] US (62/062,469) 2014-10-10
[30] US (62/067,096) 2014-10-22
[30] US (62/074,842) 2014-11-04
[30] EP (14193094.1) 2014-11-13

[21] **2,963,031**
[13] A1
[51] **Int.Cl. F02D 41/18 (2006.01) F02B 33/42 (2006.01) F02D 23/00 (2006.01) F02D 41/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ADJUSTING A CHARGING PRESSURE IN AN INTERNAL COMBUSTION ENGINE BY MEANS OF A PRESSURE-WAVE SUPERCHARGER**
[54] **PROCEDE ET DISPOSITIF POUR REGLER UNE PRESSION DE SURALIMENTATION DANS UN MOTEUR A COMBUSTION INTERNE FAISANT APPEL A UN COMPRESSEUR A ONDES DE PRESSION**
[72] SKOPIL, MARIO, CH
[71] ANTROVA AG, CH
[85] 2017-03-29
[86] 2015-10-13 (PCT/EP2015/073644)
[87] (WO2016/059034)
[30] EP (14188661.4) 2014-10-13

[21] **2,963,082**
[13] A1
[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 50/14 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **DETERMINING HOST PREFERENCES FOR ACCOMMODATION LISTINGS**
[54] **DETERMINATION DE PREFERENCES D'HOTES POUR LISTAGES D'HEBERGEMENTS**
[72] IFRACH, BAR, US
[72] DE MARS, SPENCER, US
[72] CHARKOV, MAXIM, US
[71] AIRBNB, INC., US
[85] 2017-03-29
[86] 2015-07-06 (PCT/US2015/039218)
[87] (WO2016/053434)
[30] US (14/505,455) 2014-10-02

[21] **2,963,084**
[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **DISTRIBUTED ADVERTISING SYSTEM AND METHOD OF USE**
[54] **SYSTEME PUBLICITAIRE REPARTI ET PROCEDE D'UTILISATION**
[72] MAYFIELD, WALTER G., US
[72] WINLEY, RICHARD A., III, US
[71] GUI GLOBAL PRODUCTS, LTD., US
[85] 2017-03-29
[86] 2015-10-01 (PCT/US2015/053562)
[87] (WO2016/054415)
[30] US (62/058,493) 2014-10-01
[30] US (62/063,079) 2014-10-13
[30] US (62/104,299) 2015-01-16
[30] US (62/104,424) 2015-01-16
[30] US (62/133,078) 2015-03-13
[30] US (62/133,070) 2015-03-13
[30] US (62/137,010) 2015-03-23
[30] US (62/137,001) 2015-03-23
[30] US (62/159,049) 2015-05-08
[30] US (62/159,018) 2015-05-08

[21] **2,963,132**
[13] A1
[51] **Int.Cl. G06T 7/136 (2017.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR UNSUPERVISED IMAGE SEGMENTATION USING A TRAINED QUALITY METRIC**
[54] **PROCEDE ET SYSTEME POUR UNE SEGMENTATION D'IMAGE NON SUPERVISEE A L'AIDE D'UN PARAMETRE DE QUALITE APPRIS**
[72] FROSIO, IURI, US
[72] RATNER, EDWARD, US
[71] LYRICAL LABS VIDEO COMPRESSION TECHNOLOGY, LLC, US
[71] FROSIO, IURI, US
[71] RATNER, EDWARD, US
[85] 2017-03-29
[86] 2015-09-30 (PCT/US2015/053355)
[87] (WO2016/054285)
[30] US (62/058,647) 2014-10-01
[30] US (62/132,167) 2015-03-12
[30] US (14/696,255) 2015-04-24

[21] **2,963,187**
[13] A1
[51] **Int.Cl. F21V 17/00 (2006.01) F21S 8/02 (2006.01) F21V 17/10 (2006.01) F21V 17/18 (2006.01) F21V 21/04 (2006.01) F21V 33/00 (2006.01)**
[25] FR
[54] **LUMINOUS PANEL**
[54] **PANNEAU LUMINEUX**
[72] DALMAY, PIERRE, FR
[72] CAPITAO DA COSTA, MANUEL, FR
[72] BENKEMOUN, YVES, FR
[71] SAINT-GOBAIN PLACO, FR
[85] 2017-03-30
[86] 2015-10-12 (PCT/FR2015/052738)
[87] (WO2016/059334)
[30] FR (1459817) 2014-10-13

[21] **2,963,285**
[13] A1
[51] **Int.Cl. G06F 3/06 (2006.01) G06F 12/00 (2006.01)**
[25] EN
[54] **IMPROVED APPARATUS AND METHOD FOR PERFORMING SNAPSHOTS OF BLOCK-LEVEL STORAGE DEVICES**
[54] **APPAREIL ET PROCEDE AMELIORES PERMETTANT DE REALISER DES INSTANTANES DE DISPOSITIFS DE MEMOIRE A BLOCS**
[72] STEPHENSON, DALE, US
[72] HEATHORN, TREVOR, US
[71] OVERLAND STORAGE, INC., US
[85] 2017-03-30
[86] 2015-10-02 (PCT/US2015/053840)
[87] (WO2016/054582)
[30] US (14/505,302) 2014-10-02

[21] **2,963,298**
[13] A1
[51] **Int.Cl. A63F 13/65 (2014.01) A63H 33/04 (2006.01)**
[25] EN
[54] **GAME SYSTEM**
[54] **SYSTEME DE JEU**
[72] LAULUND, JENS VALENTIN, DK
[72] NIELSEN, JOAKIM KORNER, DK
[72] WALKER, MORGAN JAMES, DK
[72] PEDERSEN, BJARKE, DK
[71] LEGO A/S, DK
[85] 2017-03-31
[86] 2015-09-29 (PCT/EP2015/072394)
[87] (WO2016/050757)
[30] DK (PA201470605) 2014-10-02
[30] DK (PA201570192) 2015-03-31
[30] DK (PA201570203) 2015-04-08

[21] **2,963,304**
[13] A1
[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEM FOR MONITORING COMPLIANT USAGE OF NEGATIVE PRESSURE WOUND THERAPY**
[54] **SYSTEME DE SURVEILLANCE D'UTILISATION OBSERVANTE DE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
[72] PHILLIPS, GREGORY, US
[72] ROBEY, BRIAN, US
[71] KCI LICENSING, INC., US
[85] 2017-03-30
[86] 2015-10-13 (PCT/US2015/055398)
[87] (WO2016/061146)
[30] US (62/063,457) 2014-10-14

[21] **2,963,325**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/00 (2006.01) A61M 5/178 (2006.01)**
[25] EN
[54] **SYRINGE AND METHOD OF PREPARING A SYRINGE**
[54] **SERINGUE ET PROCEDE DE PREPARATION D'UNE SERINGUE**
[72] BAMBERG, FRANK, DE
[72] FLORES, HEATHER L., US
[72] MULLER, ROBERT, DE
[72] SCHAIBLE, ELISABETH, CH
[72] SCHWARB, EDWARD, CH
[72] VEDRINE, LIONEL, US
[72] YANG, KEWEI, CH
[72] RIGOLLET, MATHIEU, FR
[72] GOLDBACH, PIERRE, FR
[72] GOORDYAL, BABOO DUSHYANTSINGH, CH
[72] LIN, IVY, US
[72] WILDENHAHN, FLORIAN, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-03-31
[86] 2015-10-30 (PCT/EP2015/075302)
[87] (WO2016/066821)
[30] US (62/072,625) 2014-10-30

[21] **2,963,469**
[13] A1
[51] **Int.Cl. G06Q 20/24 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SOCIAL SPONSOR METHOD USING A SOCIAL NETWORK SERVICE AND CREDIT CARD PAYMENT INFORMATION**
[54] **PROCEDE DE PARRAINAGE SOCIAL UTILISANT UN SERVICE DE RESEAU SOCIAL ET DES INFORMATIONS DE PAIEMENT PAR CARTE DE CREDIT**
[72] YEOM, SUK HWAN, KR
[71] YEOM, SUK HWAN, KR
[85] 2017-04-03
[86] 2015-09-30 (PCT/KR2015/010337)
[87] (WO2016/053013)
[30] KR (10-2014-0132313) 2014-10-01

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[21] **2,963,512**
[13] A1
[51] **Int.Cl. A61M 5/38 (2006.01) A61M 5/142 (2006.01) A61M 5/145 (2006.01)**
[25] EN
[54] **FLUID CONDUIT ASSEMBLY WITH GAS TRAPPING FILTER IN THE FLUID FLOW PATH**
[54] **ENSEMBLE CONDUIT DE FLUIDE AYANT UN FILTRE DE CAPTURE DE GAZ DANS LE TRAJET D'ECOULEMENT DE FLUIDE**
[72] CHATTARAJ, SARNATH, US
[72] DANG, KIEM H., US
[72] GULATI, POONAM S., US
[72] ZHANG, GUANGPING, US
[71] MEDTRONIC MINIMED, INC., US
[85] 2017-04-03
[86] 2015-06-25 (PCT/US2015/037796)
[87] (WO2016/057093)
[30] US (14/508,934) 2014-10-07

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[21] **2,963,513**
[13] A1
[51] **Int.Cl. A61B 50/33 (2016.01) A61B 50/30 (2016.01)**
[25] EN
[54] **ORGANIZER FOR SURGICAL INSTRUMENTS AND ITEMS USED DURING SURGERY**
[54] **DISPOSITIF DE RANGEMENT POUR INSTRUMENTS CHIRURGICAUX ET ARTICLES UTILISES PENDANT UNE CHIRURGIE**
[72] RICHMAN, LAWRENCE, US
[71] RICHMAN, LAWRENCE, US
[85] 2017-04-03
[86] 2015-07-27 (PCT/US2015/042307)
[87] (WO2016/057102)
[30] US (14/509,986) 2014-10-08
[30] US (14/685,465) 2015-04-13
[30] US (14/798,327) 2015-07-13

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[21] **2,963,532**
[13] A1
[51] **Int.Cl. G06F 3/12 (2006.01) B41J 3/00 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE FOOD FRESHNESS PRINTER STARTUP WIZARD**
[54] **ASSISTANT PERSONNALISABLE DE DEMARRAGE DE DISPOSITIF D'IMPRESSION DE DATE DE FRAICHEUR ALIMENTAIRE**
[72] DUCKETT, JEANNE F., US
[72] MORROW, MARK S., US
[72] MCMULLEN, GARY E., US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[85] 2017-04-03
[86] 2015-10-02 (PCT/US2015/053749)
[87] (WO2016/054523)
[30] US (62/059,474) 2014-10-03

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[21] **2,963,549**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01) A61B 90/00 (2016.01) A61B 5/00 (2006.01)**
[25] EN
[54] **METHODS & SYSTEMS FOR REHABILITATING INJURED OPERATORS**
[54] **PROCEDES ET SYSTEMES DE REHABILITATION DES OPERATEURS BLESSES**
[72] ZIOBRO, RANDY, US
[71] DURO HEALTH, LLC, US
[85] 2017-04-03
[86] 2015-10-02 (PCT/US2015/053881)
[87] (WO2016/054604)
[30] US (62/059,725) 2014-10-03

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[21] **2,963,563**
[13] A1
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/20 (2006.01) A61M 5/24 (2006.01)**
[25] EN
[54] **THERMAL LOCKING MECHANISM FOR A MEDICATION DELIVERY DEVICE**
[54] **MECANISME DE VERROUILLAGE THERMIQUE POUR DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] BRAUER, JACOB S., US
[72] BRESLIN, STUART DESHA, US
[72] SAMPSON, CRAIG FIELD, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-04-03
[86] 2015-11-11 (PCT/US2015/060118)
[87] (WO2016/081238)
[30] US (62/081,244) 2014-11-18

[21] **2,963,566**
[13] A1
[51] **Int.Cl. F04D 29/12 (2006.01) F04D 13/10 (2006.01) F04D 29/08 (2006.01) H02K 5/132 (2006.01) H02K 5/22 (2006.01)**
[25] EN
[54] **CRUSHED SEAL ARRANGEMENT FOR MOTOR ELECTRICAL CONNECTION OF SUBMERSIBLE WELL PUMP**
[54] **AGENCEMENT DE JOINT D'ETANCHEITE ECRASE POUR RACCORDEMENT ELECTRIQUE DE MOTEUR DE POMPE DE PUITS SUBMERSIBLE**
[72] GILMORE, KEVIN J., US
[72] FREY, JEFFREY G., US
[72] RUMBAUGH, MICHAEL R., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-04-03
[86] 2015-10-05 (PCT/US2015/053976)
[87] (WO2016/057385)
[30] US (14/510,749) 2014-10-09

[21] **2,963,589**
[13] A1
[51] **Int.Cl. G07B 15/06 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRUSTED RECORDING IN A ROAD TOLL SYSTEM**
[54] **PROCEDE ET APPAREIL D'ENREGISTREMENT DE CONFIANCE DANS UN SYSTEME DE PEAGE ROUTIER**
[72] TIJINK, JASJA, AT
[72] JANUSSON, ULRIK, SE
[71] KAPSCH TRAFFICCOM AG, AT
[85] 2017-04-04
[86] 2015-09-09 (PCT/EP2015/070541)
[87] (WO2016/078789)
[30] EP (14193479.4) 2014-11-17

[21] **2,963,637**
[13] A1
[51] **Int.Cl. E21B 17/10 (2006.01) E21B 17/00 (2006.01) E21B 17/02 (2006.01) E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **EXTRA LOW PROFILE CABLE PROTECTORS**
[54] **PROTECTEURS DE CABLE A PROFIL TRES BAS**
[72] NOAKES, AARON, US
[72] LE, JAMES, US
[71] GE OIL & GAS ESP, INC., US
[85] 2017-04-04
[86] 2015-09-30 (PCT/US2015/053267)
[87] (WO2016/054239)
[30] US (14/505,263) 2014-10-02

[21] **2,963,668**
[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **CHOKE CONTROL TUNED BY FLOW COEFFICIENT FOR CONTROLLED PRESSURE DRILLING**
[54] **REGLAGE DE DUSE REGLE PAR LE COEFFICIENT D'ECOULEMENT POUR LE FORAGE SOUS PRESSION CONTROLEE**
[72] BRANA, JOSE D., US
[72] NIAZY, JEFFREY W., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-04-04
[86] 2015-10-07 (PCT/US2015/054452)
[87] (WO2016/057645)
[30] US (62/061,527) 2014-10-08

[21] **2,963,674**
[13] A1
[51] **Int.Cl. A61G 7/012 (2006.01) A61G 7/015 (2006.01) A61G 7/018 (2006.01) A61G 7/05 (2006.01)**
[25] EN
[54] **LEG ASSEMBLY FOR HEIGHT ADJUSTABLE PATIENT SUPPORT**
[54] **ENSEMBLE DE PIED POUR SUPPORT DE PATIENT A HAUTEUR REGLABLE**
[72] ROUSSY, RICHARD, CA
[72] ELKU, JOSEPH, CA
[71] STRYKER CORPORATION, US
[85] 2017-04-04
[86] 2015-10-28 (PCT/US2015/057784)
[87] (WO2016/069730)
[30] US (62/073,952) 2014-10-31

[21] **2,963,703**
[13] A1
[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/70 (2006.01) A61B 17/84 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **IMPLANT FOR STABILIZING FRACTURED OR NON-FRACTURED BONES**
[54] **IMPLANT DE STABILISATION D'OS FRACTURES OU NON FRACTURES**
[72] AEBI, MAX, CH
[72] SZPALSKI, MAREK, BE
[72] GUNZBURG, ROBERT, BE
[72] VIENNEY, CECILE, FR
[71] HYPREVENTION, FR
[85] 2017-04-05
[86] 2015-10-15 (PCT/EP2015/073845)
[87] (WO2016/071089)
[30] EP (14306759.3) 2014-11-04

[21] **2,963,816**
[13] A1
[51] **Int.Cl. A61B 5/0484 (2006.01) A61B 5/0476 (2006.01) A61B 5/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING TRUTH UTILIZING BIOLOGIC DATA**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE VERITE A L'AIDE DE DONNEES BIOLOGIQUES**
[72] TANSEY, MICHAEL ANSELME, US
[71] EMTEE ASSOCIATES, L.P., US
[85] 2017-04-05
[86] 2015-11-06 (PCT/US2015/059379)
[87] (WO2016/073812)
[30] US (14/535,662) 2014-11-07

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[21] **2,963,831**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G06F 19/10 (2011.01) G01N 33/48 (2006.01)**
[25] EN
[54] **DNA METHYLATION MARKERS FOR OVERGROWTH SYNDROMES**
[54] **MARQUEURS DE METHYLATION DE L'ADN POUR LES SYNDROMES DE CROISSANCE EXCESSIVE**
[72] WEKSBERG, ROSANNA, CA
[72] CHOUFANI, SANAA, CA
[72] GRAFODATSKAYA, DARIA, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2017-04-06
[86] 2015-08-28 (PCT/CA2015/050828)
[87] (WO2016/058089)
[30] US (62/065,374) 2014-10-17
[30] US (62/076,765) 2014-11-07

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[21] **2,963,866**
[13] A1
[51] **Int.Cl. A61B 5/026 (2006.01) A61B 5/00 (2006.01) A61B 5/024 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING HEMODYNAMIC STATUS PARAMETERS USING SIGNALS DERIVED FROM MULTISPECTRAL BLOOD FLOW AND PERFUSION IMAGING**
[54] **PROCEDES, SYSTEMES ET PRODUITS DE PROGRAMME INFORMATIQUE POUR DETERMINER DES PARAMETRES D'ETAT HEMODYNAMIQUE AU MOYEN DE SIGNAUX DERIVES D'IMAGERIE MULTISPECTRALE DE CIRCULATION ET PERFUSION SANGUINE**
[72] CHEN, CHENG, US
[72] FERGUSON, THOMAS BRUCE, JR., US
[72] KIM, SUNGHAN, US
[72] PENG, ZHIYONG, US
[72] JACOBS, KENNETH MICHAEL, US
[71] EAST CAROLINA UNIVERSITY, US
[85] 2017-04-05
[86] 2015-10-13 (PCT/US2015/055234)
[87] (WO2016/061041)
[30] US (62/063,663) 2014-10-14
[30] US (62/136,010) 2015-03-20

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[21] **2,963,867**
[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 9/445 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PARTIAL PERSONALIZATION DURING MOBILE APPLICATION UPDATE**
[54] **PROCEDES ET SYSTEMES POUR UNE PERSONNALISATION PARTIELLE PENDANT LA MISE A JOUR D'APPLICATION MOBILE**
[72] AABYE, CHRISTIAN, US
[72] PIRZADEH, KIUSHAN, US
[72] POWELL, GLENN, US
[72] KARPENKO, IGOR, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2017-04-05
[86] 2015-10-13 (PCT/US2015/055397)
[87] (WO2016/058006)
[30] US (62/062,437) 2014-10-10
[30] US (62/076,440) 2014-11-06

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[21] **2,963,868**
[13] A1
[51] **Int.Cl. G06F 19/18 (2011.01) C12N 1/15 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND PROCESSES OF DE NOVO ASSEMBLY OF SEQUENCING READS**
[54] **PROCEDES, SYSTEMES ET PROCESSUS D'ASSEMBLAGE DE NOVO DE LECTURES DE SEQUENCAGE**
[72] KONVICKA, KAREL, US
[72] JACOBS, KEVIN, US
[71] INVITAE CORPORATION, US
[85] 2017-04-06
[86] 2015-10-09 (PCT/IB2015/057716)
[87] (WO2016/055971)
[30] US (62/062,636) 2014-10-10

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[21] **2,963,883**
[13] A1
[51] **Int.Cl. G06K 17/00 (2006.01) B41J 2/32 (2006.01) G06K 1/12 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **THERMAL PRINTER WITH QUICK RELEASE COVER**
[54] **IMPRIMANTE THERMIQUE A COUVERCLE A DEBLOCAGE RAPIDE**
[72] DUCKETT, JEANNE F., US
[72] WIRRIG, RICHARD D., US
[72] NEUHARD, LANCE D., US
[72] WILLIAMS, LARRI B., US
[72] MAKLEY, JAMES A., US
[72] WATSON, JAN M., US
[72] EVANS, ANDREW R., US
[72] WIMMERS, DAVID J., US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[85] 2017-04-05
[86] 2015-10-13 (PCT/US2015/055404)
[87] (WO2016/061151)
[30] US (62/063,238) 2014-10-13
[30] US (62/063,249) 2014-10-13
[30] US (62/063,227) 2014-10-13

---

[21] **2,963,889**
[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01) A61M 3/00 (2006.01) A61M 5/178 (2006.01) A61M 5/315 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **DEVICE FOR SYNCHRONIZED INJECTION AND ASPIRATION**
[54] **DISPOSITIF POUR INJECTION ET ASPIRATION SYNCHRONISEES**
[72] BRANDEIS, ZEEV, IL
[71] V.V.T. MED LTD., IL
[85] 2017-04-06
[86] 2014-10-01 (PCT/IL2014/050864)
[87] (WO2015/052704)
[30] US (61/890,270) 2013-10-13

[21] **2,963,927**
[13] A1
[51] **Int.Cl. E21B 10/62 (2006.01) E21B 7/08 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **DRILL BIT WITH EXTENDABLE GAUGE PADS**
[54] **TREPAN DOTE DE PLAQUETTES DE CALIBRAGE DEPLOYABLES**
[72] SPENCER, REED W., US
[72] VEMPATI, CHAITANYA K., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-04-06
[86] 2015-10-06 (PCT/US2015/054255)
[87] (WO2016/057523)
[30] US (14/506,730) 2014-10-06

---

[21] **2,963,936**
[13] A1
[51] **Int.Cl. F42B 15/00 (2006.01) F41A 1/06 (2006.01) F42B 5/02 (2006.01) F42B 5/26 (2006.01) F42B 12/20 (2006.01)**
[25] EN
[54] **MUNITION WITH UNEXPLODED ORDNANCE LIMITING**
[54] **MUNITION A LIMITATION DE CHARGE EXPLOSIVE NON EXPLOSEE**
[72] HULTMAN, JOHN, US
[71] SAFARILAND, LLC, US
[85] 2017-04-06
[86] 2015-10-08 (PCT/US2015/054657)
[87] (WO2016/057774)
[30] US (62/061,985) 2014-10-09

---

[21] **2,963,968**
[13] A1
[51] **Int.Cl. C40B 30/04 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO ASSAYS OF FETAL EXTRAVILLOUS TROPHOBLAST CELLS**
[54] **PROCEDES ET COMPOSITIONS CONCERNANT DES DOSAGES DE CELLULES TROPHOBLASTIQUES EXTRA-VILLEUX D'ORIGINE FOETALE**
[72] ARMANT, D. RANDALL, US
[72] DREWLO, SASCHA, US
[71] WAYNE STATE UNIVERSITY, US
[85] 2017-04-06
[86] 2015-10-12 (PCT/US2015/055126)
[87] (WO2016/057993)
[30] US (62/062,433) 2014-10-10

---

[21] **2,963,977**
[13] A1
[51] **Int.Cl. G06K 17/00 (2006.01) B41J 2/32 (2006.01) G06K 1/12 (2006.01) G06K 7/10 (2006.01)**
[25] EN
[54] **REDUCE INLAY PITCH SINGULATION**
[54] **REDUCTION DE LA SEPARATION DU PAS D'INCRUSTATION**
[72] DUCKETT, JEANNE F., US
[72] WIRRIG, RICHARD D., US
[72] NEUHARD, LANCE D., US
[72] MAKLEY, JAMES A., US
[72] WIMMERS, DAVID J., US
[72] WILLIAMS, LARRI B., US
[72] EVANS, ANDREW R., US
[72] WATSON, JAN M., US
[71] AVERY DENNISON RETAIL INFORMATION SERVICES, LLC, US
[85] 2017-04-06
[86] 2015-10-13 (PCT/US2015/055402)
[87] (WO2016/061150)
[30] US (62/063,249) 2014-10-13
[30] US (62/063,227) 2014-10-13
[30] US (62/063,238) 2014-10-13

---

[21] **2,963,997**
[13] A1
[51] **Int.Cl. A61G 7/018 (2006.01) A61B 5/11 (2006.01) A61G 7/002 (2006.01) A61G 7/005 (2006.01) A61G 7/015 (2006.01)**
[25] EN
[54] **EXIT DETECTION SYSTEM WITH COMPENSATION**
[54] **SYSTEME DE DETECTION DE SORTIE A COMPENSATION**
[72] KOSTIC, MARKO N., US
[72] GREENBANK, JONATHAN MARK, US
[71] STRYKER CORPORATION, US
[85] 2017-04-06
[86] 2015-10-20 (PCT/US2015/056404)
[87] (WO2016/073186)
[30] US (62/076,005) 2014-11-06

---

[21] **2,963,998**
[13] A1
[51] **Int.Cl. A61B 10/04 (2006.01) A61B 1/018 (2006.01) A61B 17/32 (2006.01) A61B 17/94 (2006.01)**
[25] EN
[54] **ENDOSCOPE INCLUDING A TORQUE GENERATION COMPONENT OR TORQUE DELIVERY COMPONENT DISPOSED WITHIN AN INSERTABLE PORTION OF THE ENDOSCOPE AND A SURGICAL CUTTING ASSEMBLY INSERTABLE WITHIN THE ENDOSCOPE**
[54] **ENDOSCOPE POURVU D'UN COMPOSANT GENERATEUR DE COUPLE OU D'UN COMPOSANT DISTRIBUTEUR DE COUPLE LOGE DANS UNE PARTIE INSERABLE DE L'ENDOSCOPE, ET POURVU D'UN ENSEMBLE DE COUPE CHIRURGICAL INSERABLE DANS L'ENDOSCOPE**
[72] FURLONG, COSME, US
[72] MARCOUX, MICHAEL W., US
[72] WISDOM, RICHARD STEPHEN, US
[72] REBH, WILLIAM R., JR., US
[72] COSTA, EVAN, US
[72] EVANS, STEPHEN C., US
[71] INTERSCOPE, INC., US
[85] 2017-03-28
[86] 2015-09-29 (PCT/US2015/052978)
[87] (WO2016/054062)
[30] US (14/501,865) 2014-09-30

---

[21] **2,964,038**
[13] A1
[51] **Int.Cl. C08G 18/76 (2006.01) C08G 18/32 (2006.01) C08G 18/50 (2006.01) C08J 5/12 (2006.01) C09D 5/34 (2006.01) C09J 175/02 (2006.01) B65G 15/34 (2006.01) E21C 35/12 (2006.01)**
[25] EN
[54] **POLYUREA COMPOSITION**
[54] **COMPOSITION A BASE DE POLYUREE**
[72] MAIER, STEFFEN, CH
[72] HUBER, DOMINIK, CH
[72] KELCH, STEFFEN, CH
[71] SIKA TECHNOLOGY AG, CH
[85] 2017-04-07
[86] 2015-10-13 (PCT/EP2015/073726)
[87] (WO2016/059083)
[30] EP (14188626.7) 2014-10-13

[21] **2,964,074**
[13] A1
[51] **Int.Cl. E02F 5/32 (2006.01) E02F 3/36 (2006.01) E02F 3/58 (2006.01)**
[25] EN
[54] **VIBRATING RIPPER**
[54] **DEFONCEUSE VIBRANTE**
[72] PARK, JEONG YEL, KR
[71] DAEDONG ENG CO., LTD., KR
[85] 2017-04-07
[86] 2015-07-15 (PCT/KR2015/007326)
[87] (WO2016/056734)
[30] KR (10-2014-0135313) 2014-10-07
[30] KR (10-2014-0164797) 2014-11-24
[30] KR (10-2014-0181799) 2014-12-16
[30] KR (10-2015-0076697) 2015-05-29

---

[21] **2,964,076**
[13] A1
[51] **Int.Cl. C09K 8/532 (2006.01)**
[25] EN
[54] **SYNERGISTIC SULFIDE SCAVENGING ADDITIVES FOR USE IN OILFIELD OPERATIONS**
[54] **ADDITIFS SYNERGIQUES D'EPURATION DE SULFURES DESTINES A ETRE UTILISES DANS DES OPERATIONS EN CHAMP PETROLIFERE**
[72] SHI, LIU, US
[72] ZHAO, FUNIAN, US
[72] QU, LIANGWEI, US
[72] CORRIN, EDWARD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-07
[86] 2014-12-22 (PCT/US2014/071882)
[87] (WO2016/105341)

---

[21] **2,964,100**
[13] A1
[51] **Int.Cl. A61B 17/3207 (2006.01) A61B 17/00 (2006.01)**
[25] EN
[54] **ROTATIONAL ATHERECTOMY DEVICE WITH EXCHANGEABLE DRIVE SHAFT AND MESHING GEARS**
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIF COMPRENANT UN ARBRE D'ENTRAINEMENT INTERCHANGEABLE ET DES ROUES ENGRENEES**
[72] RYDBERG, NICHOLAS W., US
[72] SMITH, GREGORY H., US
[72] POTTS, BLAKE G., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2017-04-07
[86] 2015-10-06 (PCT/US2015/054143)
[87] (WO2016/060882)
[30] US (14/513,404) 2014-10-14

---

[21] **2,964,101**
[13] A1
[51] **Int.Cl. B60R 16/02 (2006.01)**
[25] EN
[54] **SECONDARY SECURITY AND AUTHENTICATION FOR TRAINABLE TRANSCEIVER**
[54] **SECURITE ET AUTHENTIFICATION SECONDAIRES POUR EMETTEUR-RECEPTEUR ENTRAINABLE**
[72] YPMA, KENTON J., US
[72] FABER, NOLAN R., US
[71] GENTEX CORPORATION, US
[85] 2017-04-07
[86] 2015-10-07 (PCT/US2015/054439)
[87] (WO2016/057637)
[30] US (62/061,594) 2014-10-08

---

[21] **2,964,102**
[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/31 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **DELIVERY TOOL OF A VISCOELASTIC SYRINGE ASSEMBLY**
[54] **OUTIL D'ADMINISTRATION D'UN ENSEMBLE DE SERINGUE VISCOELASTIQUE**
[72] NOVAK, ANTHONY, US
[71] N&M SURGICAL ADVANCEMENTS, LLC, US
[85] 2017-04-07
[86] 2015-10-07 (PCT/US2015/054513)
[87] (WO2016/057681)
[30] US (14/508,150) 2014-10-07

---

[21] **2,964,108**
[13] A1
[51] **Int.Cl. A01N 25/30 (2006.01)**
[25] EN
[54] **PESTICIDE FORMULATIONS HAVING PHYSICAL MODE OF ACTION**
[54] **FORMULATIONS DE PESTICIDE AYANT UN MODE D'ACTION PHYSIQUE**
[72] SWIETOSLAWSKI, JANUSZ, PL
[72] WIECZOREK, WOJCIECH, PL
[72] LISZKA, DAWID, PL
[71] ICB PHARMA, PL
[85] 2017-04-07
[86] 2015-10-14 (PCT/US2015/055578)
[87] (WO2016/061259)
[30] US (62/063,504) 2014-10-14

---

[21] **2,964,109**
[13] A1
[51] **Int.Cl. F41A 1/02 (2006.01) F41F 3/00 (2006.01)**
[25] EN
[54] **BAFFLED-TUBE RAM ACCELERATOR**
[54] **ACCELERATEUR DE CHARGE A TUBE A DEFLECTEURS**
[72] KNOWLEN, CARL, US
[72] BRUCKNER, ADAM P., US
[72] HIGGINS, ANDREW J., US
[72] HANSEN, VIGGO, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2017-04-07
[86] 2015-10-07 (PCT/US2015/054545)
[87] (WO2016/057707)
[30] US (62/061,542) 2014-10-08

[21] **2,964,110**
[13] A1
[51] **Int.Cl. A61C 7/00 (2006.01)**
[25] EN
[54] **DENTAL APPLIANCE HAVING SENSING CAPABILITIES**
[54] **APPAREIL DENTAIRE POSSEDANT DES CAPACITES DE DETECTION**
[72] MURPHY, SHAUN P., US
[72] MURPHY, CHARLES E., US
[72] WAY, BRYCE A., US
[72] JOHNSON, RICHARD, US
[72] MIRZAAGHAEIAN, AMIN H., US
[71] TECHDERM, LLC, US
[85] 2017-04-07
[86] 2015-10-14 (PCT/US2015/055606)
[87] (WO2016/061279)
[30] US (62/063,843) 2014-10-14

---

[21] **2,964,113**
[13] A1
[51] **Int.Cl. A61K 31/4706 (2006.01) C07D 215/02 (2006.01)**
[25] EN
[54] **INHIBITORS OF LOW MOLECULAR WEIGHT PROTEIN TYROSINE PHOSPHATASE AND USES THEREOF**
[54] **INHIBITEURS DE LA PROTEINE TYROSINE PHOSPHATASE DE FAIBLE POIDS MOLECULAIRE ET UTILISATIONS**
[72] BOTTINI, NUNZIO, US
[72] ZOU, JIWEN, US
[72] GANJI, SANTHI R., US
[72] STANFORD, STEPHANIE, US
[72] PINKERTON, ANTHONY, US
[72] CHUNG, THOMAS, US
[72] HEDRICK, MICHAEL, US
[72] ARDECKY, ROBERT, US
[71] LA JOLLA INSTITUTE OF ALLERGY & IMMUNOLOGY, US
[71] SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE, US
[85] 2017-04-07
[86] 2015-10-14 (PCT/US2015/055607)
[87] (WO2016/061280)
[30] US (62/063,937) 2014-10-14

---

[21] **2,964,114**
[13] A1
[51] **Int.Cl. A61K 35/50 (2015.01)**
[25] EN
[54] **PLACENTA-DERIVED ADHERENT CELL EXOSOMES AND USES THEREOF**
[54] **EXOSOMES DE CELLULES ADHERENTES DERIVES DU PLACENTA ET UTILISATIONS ASSOCIEES**
[72] LAW, ERIC, US
[72] MORSCHAUSER, ANDREW, US
[72] FRANCKI, ALEKSANDAR, US
[72] PAREDES, JENNIFER, US
[72] KARASIEWICZ-MENDEZ, KATHY E., US
[72] REDUTA, ALLAN, US
[72] JANKOVIC, VLADIMIR, US
[72] DJURETIC, IVANA, US
[71] ANTHROGENESIS CORPORATION, US
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054629)
[87] (WO2016/057755)
[30] US (62/062,046) 2014-10-09

---

[21] **2,964,116**
[13] A1
[51] **Int.Cl. F16K 1/44 (2006.01) F16K 3/26 (2006.01) F16K 51/00 (2006.01)**
[25] EN
[54] **BALANCED DOUBLE SEATED GLOBE VALVE WITH FLEXIBLE PLUG**
[54] **ROBINET A SOUPAPE A DOUBLE SIEGE EQUILIBRE, A OPERCULE SOUPLE**
[72] RISTAU, DAVID C., US
[72] HANSEN, NATHAN T., US
[71] SPX FLOW, INC., US
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054649)
[87] (WO2016/057767)
[30] US (14/509,671) 2014-10-08

---

[21] **2,964,122**
[13] A1
[51] **Int.Cl. A01N 61/00 (2006.01) A01N 63/02 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR CONTROLLING CORN ROOTWORM**
[54] **METHODES ET COMPOSITIONS DE LUTTE CONTRE LA CHRYSOMELE DES RACINES DU MAIS**
[72] JONES, MARCUS, US
[72] BOGOSIAN, GREGG, US
[71] NEWLEAF SYMBIOTICS, INC., US
[85] 2017-04-07
[86] 2015-10-27 (PCT/US2015/057521)
[87] (WO2016/069564)
[30] US (62/068,926) 2014-10-27

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[21] **2,964,124**
[13] A1
[51] **Int.Cl. A47D 1/10 (2006.01) A47C 1/08 (2006.01) B60N 2/42 (2006.01)**
[25] EN
[54] **REAR FACING RIDE DOWN SAFETY SEAT**
[54] **SIEGE DE SECURITE INCLINABLE TOURNE VERS L'ARRIERE**
[72] CLEMENT, DAVID, US
[71] DIONO, LLC, US
[85] 2017-04-07
[86] 2015-10-27 (PCT/US2015/057650)
[87] (WO2016/069646)
[30] US (14/528,627) 2014-10-30

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[21] **2,964,127**
[13] A1
[51] **Int.Cl. G07C 9/00 (2006.01) G05B 19/02 (2006.01) H02J 9/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING HARVESTED ENERGY IN AN ACCESS CONTROL SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION D'ENERGIE RECUPEREE DANS UN SYSTEME DE CONTROLE D'ACCES**
[72] BRYLA, MARK, US
[71] SARGENT MANUFACTURING COMPANY, US
[85] 2017-04-07
[86] 2015-10-30 (PCT/US2015/058259)
[87] (WO2016/070011)
[30] US (62/073,446) 2014-10-31
[30] US (62/073,422) 2014-10-31
[30] US (14/926,957) 2015-10-29

[21] **2,964,130**
[13] A1
[51] **Int.Cl. F16H 25/24 (2006.01)**
[25] EN
[54] **LINEAR ACTUATOR FOR MOTION SIMULATOR**
[54] **ACTIONNEUR LINEAIRE POUR SIMULATEUR DE MOUVEMENT**
[72] BOULAIS, STEVE, CA
[72] LUPIEN, BENOIT, CA
[72] MENARD, JEFF-FRANCOIS, CA
[72] ROUSSEAU, ROBERT, CA
[71] D-BOX TECHNOLOGIES INC., CA
[85] 2017-04-07
[86] 2015-10-30 (PCT/US2015/058305)
[87] (WO2016/070038)
[30] US (62/073,453) 2014-10-31

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[21] **2,964,132**
[13] A1
[51] **Int.Cl. C07K 14/81 (2006.01)**
[25] EN
[54] **C1 ESTERASE INHIBITOR FUSION PROTEINS AND USES THEREOF**
[54] **PROTEINES DE FUSION DE L'INHIBITEUR DE LA C1 ESTERASE ET LEURS UTILISATIONS**
[72] NORTON, ANGELA, US
[72] PAN, CLARK, US
[72] ISKENDERIAN, ANDREA, US
[72] STRACK-LOGUE, BETTINA, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2017-04-07
[86] 2015-10-31 (PCT/US2015/058521)
[87] (WO2016/070156)
[30] US (62/073,657) 2014-10-31

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[21] **2,964,133**
[13] A1
[51] **Int.Cl. B63B 27/24 (2006.01) B65D 90/24 (2006.01) F17C 7/02 (2006.01)**
[25] EN
[54] **FUEL TRANSFER AND STORAGE SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TRANSFERT ET DE STOCKAGE DE CARBURANT**
[72] HATFIELD, ALAN DUANE, US
[72] LAFFERTY, ROBERT JAMES, US
[72] RAHN, GREGORY WILLIAM, US
[71] AVISTA CORPORATION, US
[85] 2017-04-07
[86] 2015-10-08 (PCT/US2015/054745)
[87] (WO2016/057819)
[30] US (62/061,615) 2014-10-08
[30] US (14/842,664) 2015-09-01

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[21] **2,964,135**
[13] A1
[51] **Int.Cl. A01M 1/02 (2006.01)**
[25] EN
[54] **PEST CONTROL SYSTEM AND METHOD OF OPERATING SAME**
[54] **SYSTEME DE LUTTE CONTRE LES ORGANISMES NUISIBLES ET METHODE D'UTILISATION DE CELUI-CI**
[72] HOWARD, PHILIP J., US
[72] BAXTER, RICHARD V., JR., US
[72] BRUNE, DOUGLAS K., US
[72] KLUK, URIEL, US
[72] BEISTLE, EDWARD G., US
[72] SILER, CHRISTOPHER, US
[72] BLACK, MARC, US
[71] DOW AGROSCIENCES LLC, US
[85] 2017-04-07
[86] 2015-11-03 (PCT/US2015/058756)
[87] (WO2016/073429)
[30] US (62/074,913) 2014-11-04
[30] US (62/236,519) 2015-10-02
[30] US (62/243,410) 2015-10-19

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[21] **2,964,138**
[13] A1
[51] **Int.Cl. C12N 15/67 (2006.01) C12N 15/64 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **DISRUPTION AND FIELD ENABLED DELIVERY OF COMPOUNDS AND COMPOSITIONS INTO CELLS**
[54] **ACHEMINEMENT DE COMPOSES ET DE COMPOSITIONS DANS DES CELLULES ACTIVE PAR DES PERTURBATIONS ET UN CHAMP**
[72] DING, XIAOYUN, US
[72] SHAREI, ARMON R., US
[72] LANGER, ROBERT S., US
[72] JENSEN, KLAVS F., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2017-04-07
[86] 2015-11-13 (PCT/US2015/060689)
[87] (WO2016/077761)
[30] US (62/080,201) 2014-11-14
[30] US (62/239,241) 2015-10-08

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[21] **2,964,153**
[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) C12N 15/63 (2006.01) C40B 40/02 (2006.01)**
[25] EN
[54] **PLASMIDS COMPRISING INTERNAL RIBOSOMAL ENTRY SITES AND USES THEREOF**
[54] **PLASMIDES COMPRENANT DES SITES D'ENTREE INTERNE DES RIBOSOMES ET UTILISATIONS ASSOCIEES**
[72] KAELIN, WILLIAM, US
[72] LU, GANG, US
[72] MIDDLETOWN, RICHARD, US
[72] WONG, KWOK KIN, US
[72] BRADNER, JAMES E., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-04-07
[86] 2015-10-09 (PCT/US2015/054893)
[87] (WO2016/057897)
[30] US (62/062,245) 2014-10-10
[30] US (62/154,858) 2015-04-30

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[21] **2,964,155**
[13] A1
[51] **Int.Cl. A61K 39/39 (2006.01) A61N 5/00 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **TREATMENT OF CANCER USING TLR9 AGONIST WITH CHECKPOINT INHIBITORS**
[54] **TRAITEMENT DU CANCER PAR AGONISTE(S) DU TLR9 AVEC DES INHIBITEURS DU POINT DE CONTROLE**
[72] WANG, DAQING, US
[72] JIANG, WAYNE, US
[72] AGRAWAL, SUDHIR, US
[71] IDERA PHARMACEUTICALS, INC., US
[85] 2017-04-07
[86] 2015-10-09 (PCT/US2015/054899)
[87] (WO2016/057898)
[30] US (62/062,274) 2014-10-10
[30] US (62/218,934) 2015-09-15

[21] **2,964,161**
[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01)**
[25] EN
[54] **METHODS FOR DISCOVERING THERAPEUTICS THAT ALTER THE STABILITY OF TARGET PROTEINS**
[54] **PROCEDES PERMETTANT DE DECOUVRIR DES AGENTS THERAPEUTIQUES QUI MODIFIENT LA STABILITE DE PROTEINES CIBLES**
[72] KAELIN, WILLIAM, US
[72] LU, GANG, US
[72] MIDDLETON, RICHARD, US
[72] WONG, KOWK KIN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-04-07
[86] 2015-10-09 (PCT/US2015/054914)
[87] (WO2016/057903)
[30] US (62/062,257) 2014-10-10

---

[21] **2,964,169**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **RANDOM NUCLEOTIDE MUTATION FOR NUCLEOTIDE TEMPLATE COUNTING AND ASSEMBLY**
[54] **MUTATION NUCLEOTIDIQUE ALEATOIRE POUR DENOMBREMENT ET ASSEMBLAGE DE MATRICES NUCLEOTIDIQUES**
[72] WIGLER, MICHAEL, US
[72] LEVY, DAN, US
[71] COLD SPRING HARBOR LABORATORY, US
[85] 2017-04-07
[86] 2015-10-09 (PCT/US2015/054981)
[87] (WO2016/057947)
[30] US (62/062,571) 2014-10-10

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[21] **2,964,170**
[13] A1
[51] **Int.Cl. H04W 48/16 (2009.01)**
[25] EN
[54] **METHOD FOR CONNECTING TO WI-FI HOTSPOT DEVICE, WI-FI HOTSPOT DEVICE, AND USER EQUIPMENT**
[54] **PROCEDE POUR ACCEDER A UN DISPOSITIF DE POINT D'ACCES SANS FIL, DISPOSITIF DE POINT D'ACCES SANS FIL ET EQUIPEMENT UTILISATEUR**
[72] ZHONG, ZHEN, CN
[71] HUAWEI DEVICE CO., LTD., CN
[85] 2017-04-10
[86] 2013-11-19 (PCT/CN2013/087415)
[87] (WO2015/074179)

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[21] **2,964,172**
[13] A1
[51] **Int.Cl. F24F 3/14 (2006.01)**
[25] EN
[54] **RESERVOIR WITH HANDLE**
[54] **RESERVOIR MUNI D'UNE POIGNEE**
[72] DONG, YALONG, CN
[72] CAO, JIANJUN, CN
[72] ZHANG, XUDONG, CN
[72] GU, ZHIGANG, CN
[71] ELECTROLUX (HANGZHOU) HOME APPLIANCES CO., LTD., CN
[85] 2017-04-10
[86] 2014-10-14 (PCT/CN2014/088528)
[87] (WO2016/058123)

---

[21] **2,964,174**
[13] A1
[51] **Int.Cl. H01S 5/06 (2006.01) H01S 5/068 (2006.01)**
[25] EN
[54] **THERMAL COMPENSATION FOR BURST-MODE LASER WAVELENGTH DRIFT**
[54] **COMPENSATION THERMIQUE POUR DERIVE DE LONGUEUR D'ONDE LASER EN MODE RAFALE**
[72] YAN, XUEJIN, US
[72] GONG, JIANMIN, US
[72] LEI, HONGBING, US
[72] GAO, JIANHE, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-04-10
[86] 2015-09-28 (PCT/CN2015/090922)
[87] (WO2016/054981)
[30] US (14/509,662) 2014-10-08

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[21] **2,964,177**
[13] A1
[51] **Int.Cl. C07C 255/43 (2006.01) C07C 253/34 (2006.01)**
[25] EN
[54] **CRYSTAL FORMS OF VERAPAMIL HYDROCHLORIDE**
[54] **FORMES CRISTALLINES DE CHLORHYDRATE DE VERAPAMIL**
[72] HSU, JUI-PAO, CN
[72] SHANE, GUANG-TZUU, CN
[72] YEH, YU-YIN, CN
[72] LEE, MENG-JU, CN
[71] CENTER LABORATORIES, INC., CN
[85] 2017-04-10
[86] 2015-07-13 (PCT/CN2015/083854)
[87] (WO2016/065930)
[30] US (62/072,172) 2014-10-29

---

[21] **2,964,179**
[13] A1
[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C12N 5/12 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **MONOCLONAL ANTI-GPC-1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS MONOCLONAUX ANTI-GPC-1- ET LEURS UTILISATIONS**
[72] CAMPBELL, DOUGLAS, AU
[72] JUSTINIANO FUENMAYOR, IRENE, AU
[72] NOCON, ALINE, AU
[72] SOON, JULIE, AU
[72] TRUONG, QUACH, AU
[72] WALSH, BRADLEY, AU
[72] WISSMUELLER, SANDRA, AU
[71] MINOMIC INTERNATIONAL LTD., AU
[85] 2017-04-10
[86] 2014-10-23 (PCT/AU2014/000999)
[87] (WO2016/061608)

[21] **2,964,181**
[13] A1
[51] **Int.Cl. C10L 1/00 (2006.01) C10B 49/00 (2006.01) C10B 53/02 (2006.01) C10G 1/00 (2006.01) C10G 2/00 (2006.01) C10G 3/00 (2006.01) C10L 5/00 (2006.01) C12P 7/08 (2006.01)**
[25] EN
[54] **PULPING LIQUORS AND USES THEREOF**
[54] **LESSIVES DE REDUCTION EN PATE ET UTILISATIONS DE CEUX-CI**
[72] ROWLANDS, WILLIAM, AU
[72] HUMPHREYS, LEONARD JAMES, AU
[72] DOWNIE, ROBERT, AU
[72] WATSON, PAUL, CA
[71] LICELLA PTY LTD, AU
[71] CANFOR PULP LTD, CA
[85] 2017-04-10
[86] 2015-10-15 (PCT/AU2015/000617)
[87] (WO2016/058031)
[30] AU (2014904129) 2014-10-15

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[21] **2,964,183**
[13] A1
[51] **Int.Cl. A61B 5/103 (2006.01) A61B 5/22 (2006.01) A61H 19/00 (2006.01) A61H 21/00 (2006.01) A63B 23/20 (2006.01)**
[25] EN
[54] **AN INTRA VAGINAL DEVICE TO AID IN TRAINING AND DETERMINING MUSCLE STRENGTH**
[54] **DISPOSITIF INTRA-VAGINAL POUR AIDER L'ENTRAINEMENT ET LA DETERMINATION DE FORCE MUSCULAIRE**
[72] BARTLETT, PETER, AU
[71] ANALYTICA LIMITED, AU
[85] 2017-04-10
[86] 2015-10-16 (PCT/AU2015/000619)
[87] (WO2016/119002)
[30] AU (2015900255) 2015-01-29

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[21] **2,964,189**
[13] A1
[51] **Int.Cl. H04W 4/00 (2009.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR PROVIDING A MULTI-IMSI SOLUTION IN AN OPERATING MOBILE NETWORK**
[54] **PROCEDE ET SYSTEME PERMETTANT DE FOURNIR UNE SOLUTION COMPORTANT DE MULTIPLES IDENTITES IMSI DANS UN RESEAU MOBILE D'EXPLOITATION**
[72] STEIN, MATHEW, CA
[72] GOTTSCHALK, JEAN, US
[71] KNOWROAMING LTD., CA
[71] TELECOM NORTH AMERICA INC., US
[85] 2017-04-10
[86] 2014-11-12 (PCT/IB2014/065983)
[87] (WO2015/071834)
[30] US (61/903,283) 2013-11-12

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[21] **2,964,193**
[13] A1
[51] **Int.Cl. A61G 10/00 (2006.01) A62B 31/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR GENERATING AND MEASURING ENVIRONMENTAL LEVELS OF ALLERGENS**
[54] **APPAREILS ET PROCEDES DE GENERATION ET DE MESURE DES NIVEAUX D'ALLERGENES DANS L'ENVIRONNEMENT**
[72] NELSON, RICHARD, US
[72] SATYARAJ, EBENEZER, US
[71] NESTEC S.A., CH
[85] 2017-04-10
[86] 2015-11-17 (PCT/IB2015/058902)
[87] (WO2016/083948)
[30] US (62/083,647) 2014-11-24

---

[21] **2,964,194**
[13] A1
[51] **Int.Cl. B25H 3/00 (2006.01) B25H 3/04 (2006.01) F16B 2/20 (2006.01)**
[25] EN
[54] **HOLDER FOR OBJECTS**
[54] **PORTE-OBJETS**
[72] FORSBERG, ERIK, SE
[71] DELEX TEKNIK AB, SE
[85] 2017-04-10
[86] 2015-10-13 (PCT/SE2015/051084)
[87] (WO2016/060606)
[30] SE (1451245-3) 2014-10-17

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[21] **2,964,195**
[13] A1
[51] **Int.Cl. E21D 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR PACKING FILLER MATERIAL**
[54] **PROCEDE DE TASSEMENT DE MATERIAU DE REMPLISSAGE**
[72] OKUDA, SUSUMU, JP
[72] KUSUBA, ICHIRO, JP
[72] ASO, KOJI, JP
[71] ASHIMORI INDUSTRY CO., LTD., JP
[71] ASHIMORI ENGINEERING CO., LTD., JP
[85] 2017-04-10
[86] 2014-10-10 (PCT/JP2014/077240)
[87] (WO2016/056133)

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[21] **2,964,196**
[13] A1
[51] **Int.Cl. H02P 6/08 (2016.01) F04D 27/00 (2006.01) H02P 29/00 (2016.01)**
[25] EN
[54] **VENTILATION DEVICE**
[54] **DISPOSITIF DE VENTILATION**
[72] DOUMOTO, KAZUKI, JP
[72] NAKAJIMA, TSURAKI, JP
[72] ITOU, HARUMOTO, JP
[72] URATA, YUUSUKE, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-04-10
[86] 2015-10-20 (PCT/JP2015/005267)
[87] (WO2016/067552)
[30] JP (2014-218783) 2014-10-28
[30] JP (2014-244623) 2014-12-03

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[21] **2,964,198**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/02 (2006.01) C07C 59/185 (2006.01)**
[25] EN
[54] **SOLID FORMS OF NILOTINIB HYDROCHLORIDE**
[54] **FORMES SOLIDES DU CHLORHYDRATE DE NILOTINIB**
[72] POMPILI, MATTHEW A., CA
[72] STRADIOTTO, DAVID A., CA
[72] DATTA, PROBAL KANTI, CA
[71] APOTEX INC., CA
[85] 2017-04-10
[86] 2015-10-15 (PCT/CA2015/000534)
[87] (WO2016/058081)
[30] US (62/064,625) 2014-10-16

[21] **2,964,199**
[13] A1
[51] **Int.Cl. B25J 15/08 (2006.01) B25J 15/12 (2006.01)**
[25] EN
[54] **MECHANICAL FINGER FOR GRASPING APPARATUS**
[54] **DOIGT MECANIQUE POUR APPAREIL DE PREHENSION**
[72] BIRGLEN, LIONEL, CA
[71] POLYVALOR, LIMITED PARTNERSHIP, CA
[85] 2017-04-10
[86] 2015-09-11 (PCT/CA2015/050881)
[87] (WO2016/037288)
[30] US (62/049,610) 2014-09-12

---

[21] **2,964,200**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) B09C 1/10 (2006.01) C02F 3/00 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **1,4-DIOXANE-DEGRADING BACTERIA CULTURE METHOD, MEDIUM, AND 1,4-DIOXANE TREATMENT METHOD USING 1,4-DIOXANE-DEGRADING BACTERIA**
[54] **PROCEDE DE CULTURE DE BACTERIES DECOMPOSANT LE 1,4-DIOXANE, MILIEU DE CULTURE, PROCEDE DE TRAITEMENT DE 1,4-DIOXANE A L'AIDE DE BACTERIES DECOMPOSANT LE 1,4-DIOXANE**
[72] YAMAMOTO NORIFUMI, JP
[72] SAITO YUJI, JP
[72] IKE MICHIHIKO, JP
[72] KURODA MASASHI, JP
[72] SEI KAZUNARI, JP
[72] INOUE DAISUKE, JP
[71] TAISEI CORPORATION, JP
[71] OSAKA UNIVERSITY, JP
[71] SCHOOL JURIDICAL PERSON KITASATO INSTITUTE, JP
[85] 2017-04-10
[86] 2015-10-07 (PCT/JP2015/078476)
[87] (WO2016/056592)
[30] JP (2014-207776) 2014-10-09
[30] JP (2015-043804) 2015-03-05

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[21] **2,964,201**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E01C 9/08 (2006.01)**
[25] EN
[54] **RIG MAT WITH REPLACEABLE DECK INSERTS**
[54] **PLATE-FORME MODULAIRE DOTEE D'INSERTS DE PONT REMPLACABLES**
[72] FORBES, DEAN, CA
[71] FORBES, DEAN, CA
[85] 2017-04-10
[86] 2015-10-16 (PCT/IB2015/057971)
[87] (WO2016/063186)
[30] US (14/521,503) 2014-10-23

---

[21] **2,964,202**
[13] A1
[51] **Int.Cl. G01N 29/30 (2006.01) B29C 70/06 (2006.01)**
[25] EN
[54] **ARTIFICIAL DEFECT MATERIAL AND MANUFACTURING METHOD OF FRP STRUCTURE**
[54] **MATERIAU DE DEFAUT ARTIFICIEL ET PROCEDE DE FABRICATION DE STRUCTURE FRP**
[72] KOBAYASHI, SEIJI, JP
[72] UEMATSU, MITSUYOSHI, JP
[72] SHIMOMUKAI, TAKAHITO, JP
[72] HAYASHI, NORIYA, JP
[72] MARUYAMA, YUJI, JP
[72] HATTORI, HIDETAKA, JP
[72] WATANABE, JUNKO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-04-10
[86] 2015-10-30 (PCT/JP2015/080835)
[87] (WO2016/068334)
[30] JP (2014-221741) 2014-10-30

---

[21] **2,964,204**
[13] A1
[51] **Int.Cl. B65G 69/18 (2006.01) B65D 88/26 (2006.01) B65D 90/00 (2006.01) B65G 65/40 (2006.01)**
[25] EN
[54] **DUST CONTROL IN PNEUMATIC PARTICULATE HANDLING APPLICATIONS**
[54] **ELIMINATION DE LA POUSSIERE DANS DES APPLICATIONS DE TRAITEMENT DE MATIERES PARTICULAIRES PAR VOIE PNEUMATIQUE**
[72] LUCAS, BRYAN CHAPMAN, US
[72] TROUTMAN, JAMES RAY, US
[72] WARREN, WESLEY JOHN, US
[72] STEGEMOELLER, CALVIN LYNN, US
[72] FISHER, CHAD ADAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-03-13
[86] 2014-11-14 (PCT/US2014/065668)
[87] (WO2016/076883)

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[21] **2,964,205**
[13] A1
[51] **Int.Cl. C08L 33/02 (2006.01) C08F 216/12 (2006.01) C08F 220/04 (2006.01) C08K 5/06 (2006.01) C08K 5/103 (2006.01) C08L 29/10 (2006.01)**
[25] EN
[54] **CARBOXYL GROUP-CONTAINING POLYMER COMPOSITION**
[54] **COMPOSITION POLYMERE CONTENANT UN GROUPE CARBOXYLE**
[72] NISHIGUCHI, SATOSHI, JP
[72] MURAKAMI, RYOSUKE, JP
[72] IZAWA, SHINGO, JP
[72] YOSHINAKA, MASATOYO, JP
[71] SUMITOMO SEIKA CHEMICALS CO., LTD., JP
[85] 2017-04-10
[86] 2015-10-07 (PCT/JP2015/078474)
[87] (WO2016/056591)
[30] JP (2014-209333) 2014-10-10

[21] **2,964,208**
[13] A1
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **STAGE TOOL**
[54] **OUTIL ETAGE**
[72] THEMIG, DANIEL JON, CA
[71] PACKERS PLUS ENERGY SERVICES INC., CA
[85] 2017-04-10
[86] 2015-10-09 (PCT/CA2015/051029)
[87] (WO2016/054748)
[30] US (62/062,254) 2014-10-10

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[21] **2,964,209**
[13] A1
[51] **Int.Cl. H01S 5/022 (2006.01)**
[25] EN
[54] **LIGHT-SOURCE DEVICE**
[54] **DISPOSITIF DE SOURCE DE LUMIERE**
[72] NAKANO, SEIJI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-04-10
[86] 2016-01-26 (PCT/JP2016/052094)
[87] (WO2016/121725)
[30] JP (2015-015176) 2015-01-29

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[21] **2,964,210**
[13] A1
[51] **Int.Cl. D21C 11/00 (2006.01) D21C 7/00 (2006.01) D21C 9/00 (2006.01)**
[25] EN
[54] **INTEGRATED KRAFT PULP MILL AND THERMOCHEMICAL CONVERSION SYSTEM**
[54] **USINE DE PATE KRAFT INTEGREE ET SYSTEME DE CONVERSION THERMOCHIMIQUE**
[72] ROWLANDS, WILLIAM NEIL, AU
[72] HUMPHREYS, LEONARD JAMES, AU
[72] THEW, ROBERT WILLIAM CLAYTON, CA
[72] SPANKIE, JAMES ALLAN, CA
[72] ULOTH, VICTOR CHARLES, CA
[72] WATSON, PAUL ANDREW, NZ
[72] PUDLAS, MARTIN WILLIAM, CA
[71] LICELLA PTY LTD, AU
[71] CANFOR PULP LTD, CA
[85] 2017-04-10
[86] 2015-10-14 (PCT/CA2015/051037)
[87] (WO2016/058098)
[30] AU (2014904129) 2014-10-15
[30] US (62/156,737) 2015-05-04

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[21] **2,964,213**
[13] A1
[51] **Int.Cl. E21C 50/00 (2006.01)**
[25] EN
[54] **MINERAL LIFTING SYSTEM AND MINERAL LIFTING METHOD**
[54] **SYSTEME DE LEVAGE DE MINERAUX ET PROCEDE DE LEVAGE DE MINERAUX**
[72] NAGATA, TETSUZO, JP
[72] NAKATANI, YUTAKA, JP
[71] NAGATA, TETSUZO, JP
[71] NAKATANI, YUTAKA, JP
[85] 2017-04-10
[86] 2016-04-06 (PCT/JP2016/061280)
[87] (WO2017/038148)
[30] JP (2015-182281) 2015-08-28

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[21] **2,964,218**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **DOWNHOLE STATE-MACHINE-BASED MONITORING OF VIBRATION**
[54] **CONTROLE DE VIBRATION BASE SUR UNE MACHINE D'ETAT DE FOND DE TROU**
[72] MOORE, JAMES WILSON, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-10-28 (PCT/US2014/062561)
[87] (WO2016/068866)

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[21] **2,964,222**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **EARTH FORMATION CRUSHING MODEL**
[54] **MODELE DE CONCASSAGE DE FORMATION TERRESTRE**
[72] LING, XIANWU, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-11-20 (PCT/US2014/066673)
[87] (WO2016/081001)

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[21] **2,964,225**
[13] A1
[51] **Int.Cl. E21B 17/00 (2006.01) E21B 17/14 (2006.01)**
[25] EN
[54] **LATCHABLE CASING WHILE DRILLING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE TUBAGE VERROUILLABLE PENDANT LE FORAGE**
[72] JEREZ, HERNANDO Q., US
[72] HAY, RICHARD T., US
[72] EVANS, JOHN G., US
[72] SANKESHWARI, ROHIT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-12-23 (PCT/US2014/072148)
[87] (WO2016/073016)
[30] US (62/074,802) 2014-11-04

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[21] **2,964,228**
[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) G05B 19/02 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MODELING AN ADVANCED 3-DIMENSIONAL BOTTOMHOLE ASSEMBLY**
[54] **PROCEDES ET SYSTEMES POUR LA MODELISATION D'UN ENSEMBLE DE FOND DE TROU TRIDIMENSIONNEL DE POINTE**
[72] SAMUEL, ROBELLO, US
[72] SUN, CILI, US
[72] KOZAK, ALP, US
[72] FUNG, ALFRED, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-12-31 (PCT/US2014/072925)
[87] (WO2016/108866)

[21] **2,964,234**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **EFFICIENT DELIVERY OF THERAPEUTIC MOLECULES IN VITRO AND IN VIVO**
[54] **ADMINISTRATION EFFICACE DE MOLECULES THERAPEUTIQUES IN VITRO ET IN VIVO**
[72] CHEN, ZHENG-YI, US
[72] LIU, DAVID, US
[71] MASSACHUSETTS EYE AND EAR INFIRMARY, US
[85] 2017-04-10
[86] 2015-10-09 (PCT/US2015/000109)
[87] (WO2016/057061)
[30] US (62/062,628) 2014-10-10

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[21] **2,964,236**
[13] A1
[51] **Int.Cl. E21B 47/09 (2012.01) G01V 3/18 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MULTI-WELL RANGING DETERMINATION**
[54] **PROCEDES ET APPAREIL POUR LA TELEMETRIE DE PLUSIEURS PUITS**
[72] WU, HSU-HSIANG, US
[72] DONDERICI, BURKAY, US
[72] FAN, YIJING, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-11-18 (PCT/US2014/066168)
[87] (WO2016/080968)

---

[21] **2,964,237**
[13] A1
[51] **Int.Cl. A61K 31/352 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PHYSIOLOGICAL DELIVERY USING CANNABIDIOL**
[54] **COMPOSITIONS ET METHODES D'ADMINISTRATION PHYSIOLOGIQUE A L'AIDE DE CANNABIDIOL**
[72] TAHA, ASHRAF, US
[71] MEDIPATH, INC., US
[85] 2017-04-10
[86] 2015-07-20 (PCT/US2015/041185)
[87] (WO2016/011451)
[30] US (62/026,451) 2014-07-18

---

[21] **2,964,238**
[13] A1
[51] **Int.Cl. E21B 47/08 (2012.01) E21B 47/09 (2012.01) G01V 1/40 (2006.01)**
[25] EN
[54] **BOREHOLE SHAPE CHARACTERIZATION**
[54] **CARACTERISATION DE FORME DE TROU DE FORAGE**
[72] COOPER, PAUL ANDREW, US
[72] STEVENSON, GEORGE WALTER JOHN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-11-19 (PCT/US2014/066331)
[87] (WO2016/080977)

---

[21] **2,964,250**
[13] A1
[51] **Int.Cl. G06F 9/455 (2006.01) E21B 44/00 (2006.01) G06G 3/10 (2006.01) G06G 7/48 (2006.01)**
[25] EN
[54] **JUNCTION MODELS FOR SIMULATING PROPPANT TRANSPORT IN DYNAMIC FRACTURE NETWORKS**
[54] **MODELES DE JONCTION POUR SIMULER UN TRANSPORT D'AGENT DE SOUTENEMENT DANS DES RESEAUX DE FRACTURES DYNAMIQUES**
[72] SHETTY, DINESH ANANDA, US
[72] LIN, AVI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-10
[86] 2014-11-19 (PCT/US2014/066419)
[87] (WO2016/080987)

---

[21] **2,964,251**
[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/58 (2006.01)**
[25] EN
[54] **MICROENCAPSULATION OF TREATMENT CHEMICALS FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **MICROENCAPSULATION DE PRODUITS CHIMIQUES DE TRAITEMENT A UTILISER DANS DES FORMATIONS SOUTERRAINES**
[72] WEI, FANG, US
[72] KRISHNAMURTHY, PUSHKALA, US
[72] JIANG, YING CONG, US
[72] ACOSTA, ERICK J., US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2017-04-10
[86] 2014-12-03 (PCT/US2014/068354)
[87] (WO2016/089388)

---

[21] **2,964,253**
[13] A1
[51] **Int.Cl. B65D 45/32 (2006.01) E05C 19/14 (2006.01)**
[25] EN
[54] **A CONTAINER**
[54] **CONTENANT**
[72] GODDARD, EARL FENTON, AU
[71] UNISEG PRODUCTS PTY LTD, AU
[85] 2017-04-10
[86] 2015-11-05 (PCT/AU2015/000673)
[87] (WO2016/070235)
[30] AU (2014904472) 2014-11-06

---

[21] **2,964,255**
[13] A1
[51] **Int.Cl. E21B 34/02 (2006.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01) G05D 7/01 (2006.01)**
[25] EN
[54] **SYSTEM FOR CONTROLLING FLUID FLOW**
[54] **SYSTEME DE COMMANDE D'ECOULEMENT DE FLUIDE**
[72] MARTINO, JERRY A., US
[72] ELLIOTT, DECLAN, IE
[72] AMBERG, JAMES, US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2017-04-10
[86] 2015-09-28 (PCT/US2015/052732)
[87] (WO2016/064537)
[30] US (14/519,015) 2014-10-20

[21] **2,964,256**
[13] A1
[51] **Int.Cl. A63C 11/02 (2006.01)**
[25] EN
[54] **SLING CARRIER FOR SKIS, SNOWBOARD AND BOOTS**
[54] **BRETELLE DE TRANSPORT POUR SKIS, PLANCHE A NEIGE ET BOTTES**
[72] STEELE, DEVIN, US
[71] STEELE, DEVIN, US
[85] 2017-04-10
[86] 2015-10-07 (PCT/US2015/054401)
[87] (WO2016/057620)
[30] US (14/510,014) 2014-10-08
[30] US (14/877,062) 2015-10-07

---

[21] **2,964,263**
[13] A1
[51] **Int.Cl. C07K 14/495 (2006.01)**
[25] EN
[54] **NOVEL TGF-ALPHA MUTANT PROTEINS**
[54] **NOUVELLES PROTEINES MUTANTES TGF-ALPHA**
[72] KLIPSTEIN, MATTHEW, US
[72] CHANG, HWAI WEN, US
[72] FREY, GERHARD, US
[72] SHORT, JAY, US
[71] NEUROREPAIR, INC., US
[85] 2017-04-10
[86] 2015-10-09 (PCT/US2015/054902)
[87] (WO2016/057900)
[30] US (62/062,270) 2014-10-10

---

[21] **2,964,265**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **POLYMERASE CHAIN REACTION PRIMERS AND PROBES FOR MYCOBACTERIUM TUBERCULOSIS**
[54] **AMORCES DE REACTION EN CHAINE PAR POLYMERASE ET SONDES POUR MYCOBACTERIUM TUBERCULOSIS**
[72] ALLAND, DAVID, US
[72] CHAKRAVORTY, SOUMITESH, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2017-04-10
[86] 2015-10-09 (PCT/US2015/054916)
[87] (WO2016/057905)
[30] US (62/062,351) 2014-10-10

---

[21] **2,964,266**
[13] A1
[51] **Int.Cl. E21B 23/01 (2006.01) E21B 19/00 (2006.01)**
[25] EN
[54] **LANDING STRING RETAINER SYSTEM**
[54] **SYSTEME DE RETENUE DE TRAIN DE POSE**
[72] MINTY, STEPHEN GEORGE, NO
[72] CARMICHAEL, ANDREW MACDONALD, GB
[71] EXPRO NORTH SEA LIMITED, GB
[85] 2017-04-10
[86] 2015-10-16 (PCT/GB2015/053081)
[87] (WO2016/059425)
[30] GB (1418377.6) 2014-10-16

---

[21] **2,964,267**
[13] A1
[51] **Int.Cl. B01D 47/00 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR RECOVERING CARBON MONOXIDE FROM CATALYTIC FAST PYROLYSIS PRODUCT**
[54] **PROCEDE AMELIORE POUR LA RECUPERATION DE MONOXYDE DE CARBONE A PARTIR D'UN PRODUIT DE PYROLYSE CATALYTIQUE RAPIDE**
[72] SCHMELZER, EUGENE, US
[72] SORENSEN, CHARLES, US
[72] TANZIO, MICHAEL, US
[71] ANELLOTECH, INC., US
[85] 2017-04-10
[86] 2015-10-22 (PCT/US2015/056834)
[87] (WO2016/073209)
[30] US (62/074,388) 2014-11-03

---

[21] **2,964,268**
[13] A1
[51] **Int.Cl. C10G 1/00 (2006.01) B01J 29/40 (2006.01) C07B 61/00 (2006.01) C07C 7/00 (2006.01) C07C 15/00 (2006.01)**
[25] EN
[54] **IMPROVED CATALYTIC FAST PYROLYSIS PROCESS**
[54] **PROCEDE DE PYROLYSE CATALYTIQUE RAPIDE AMELIORE**
[72] SORENSEN, CHARLES, US
[71] ANELLOTECH, INC., US
[85] 2017-04-10
[86] 2015-10-22 (PCT/US2015/056946)
[87] (WO2016/081148)
[30] US (62/082,419) 2014-11-20

---

[21] **2,964,269**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **IDENTIFICATION OF CODABLE SECTIONS IN MEDICAL DOCUMENTS**
[54] **IDENTIFICATION DE SECTIONS CODABLES DANS DES DOCUMENTS MEDICAUX**
[72] GANESAN, KAVITA A., US
[72] STANKIEWICZ, BRIAN J., US
[72] YAROWSKY, DAVID E., US
[72] RAFFERTY, ANNA N., US
[72] NOSSAL, MICHAEL A., US
[72] DAVIS, ANTHONY R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2017-04-10
[86] 2015-10-20 (PCT/US2015/056300)
[87] (WO2016/064775)
[30] US (62/065,930) 2014-10-20

---

[21] **2,964,272**
[13] A1
[51] **Int.Cl. A61K 35/76 (2015.01) C12N 15/09 (2006.01) C12N 15/63 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **RECOMBINANT AAV VARIANTS AND USES THEREOF**
[54] **VARIANTS DE VAA RECOMBINANTS ET LEURS UTILISATIONS**
[72] GAO, GUANGPING, US
[72] XIE, JUN, US
[72] FLOTTE, TERENCE, US
[71] UNIVERSITY OF MASSACHUSETTS, US
[85] 2017-04-10
[86] 2015-10-21 (PCT/US2015/056659)
[87] (WO2016/065001)
[30] US (62/066,856) 2014-10-21

---

[21] **2,964,274**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **PSMA-RELATED THERAPIES**
[54] **THERAPIES LIEES AU PSMA**
[72] GRIMM, JAN, US
[72] KAITTANIS, CHARALAMBOS, US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
[85] 2017-04-10
[86] 2015-10-09 (PCT/US2015/054937)
[87] (WO2016/057917)
[30] US (62/062,710) 2014-10-10
[30] US (62/062,714) 2014-10-10

[21] **2,964,276**
[13] A1
[51] **Int.Cl. A61K 31/195 (2006.01) C07C 13/02 (2006.01) C07C 13/16 (2006.01) C07C 257/10 (2006.01)**
[25] EN
[54] **IMMUNOREGULATORY AGENTS**
[54] **AGENTS IMMUNOREGULATEURS**
[72] BECK, HILARY PLAKE, US
[72] JAEN, JUAN CARLOS, US
[72] OSIPOV, MAKSIM, US
[72] POWERS, JAY PATRICK, US
[72] REILLY, MAUREEN KAY, US
[72] SHUNATONA, HUNTER PAUL, US
[72] WALKER, JAMES ROSS, US
[72] ZIBINSKY, MIKHAIL, US
[72] BALOG,JAMES AARON, US
[72] WILLIAMS, DAVID K., US
[72] GUO, WEIWEI, US
[71] FLEXUS BIOSCIENCES, INC., US
[85] 2017-04-10
[86] 2015-11-05 (PCT/US2015/059271)
[87] (WO2016/073738)
[30] US (62/075,663) 2014-11-05

---

[21] **2,964,278**
[13] A1
[51] **Int.Cl. C10G 1/04 (2006.01)**
[25] EN
[54] **THERMAL INSULATION SYSTEM USING EVAPORATIVE COOLING**
[54] **SYSTEME D'ISOLATION THERMIQUE UTILISANT LE REFROIDISSEMENT PAR EVAPORATION**
[72] BUNGER, JAMES, US
[71] RED LEAF RESOURCES, INC., US
[85] 2017-04-10
[86] 2015-10-09 (PCT/US2015/054944)
[87] (WO2016/057922)
[30] US (62/062,328) 2014-10-10

---

[21] **2,964,279**
[13] A1
[51] **Int.Cl. A45F 5/00 (2006.01) A47G 23/02 (2006.01) B65D 25/02 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER HOLDER**
[54] **ELEMENT DE SUPPORT DE CONTENANT DE BOISSON**
[72] DENIS, LEVIS, CA
[71] DENIS, LEVIS, CA
[85] 2017-04-11
[86] 2015-10-19 (PCT/CA2015/000541)
[87] (WO2016/061660)
[30] GB (1418929.4) 2014-10-24

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[21] **2,964,280**
[13] A1
[51] **Int.Cl. A23G 1/00 (2006.01) B67D 7/02 (2010.01) B67D 7/82 (2010.01) B67D 3/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISTRIBUTING AND DISPENSING CHOCOLATE**
[54] **SYSTEMES ET PROCEDES DE PREPARATION ET DE DISTRIBUTION DE CHOCOLAT**
[72] RUBIN, MATTHEW, US
[71] TRADE SECRET CHOCOLATES, US
[85] 2017-04-10
[86] 2015-10-09 (PCT/US2015/054968)
[87] (WO2016/057939)
[30] US (62/061,856) 2014-10-09
[30] US (62/115,339) 2015-02-12

---

[21] **2,964,282**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **RIPK2 INHIBITORS AND METHOD OF TREATING CANCER WITH SAME**
[54] **INHIBITEURS DE RIPK2 ET METHODE DE TRAITEMENT DU CANCER A L'AIDE DE CEUX-CI**
[72] BRAY, MARK R., CA
[72] BROKX, RICHARD, CA
[72] LAUFER, RADOSLAW, CA
[72] LI, SZE-WAN, CA
[72] MASON, JACQUELINE M., CA
[72] NG, GRACE, CA
[72] PAULS, HEINZ W., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[85] 2017-04-11
[86] 2015-10-09 (PCT/CA2015/051024)
[87] (WO2016/065461)
[30] US (62/068,985) 2014-10-27

---

[21] **2,964,283**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 9/10 (2006.01) A61K 38/17 (2006.01) A61P 1/02 (2006.01) A61P 19/08 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C07K 14/47 (2006.01) C07K 17/04 (2006.01)**
[25] EN
[54] **STATHERIN PEPTIDES**
[54] **PEPTIDES A BASE DE STATHERINE**
[72] SIQUEIRA, WALTER, CA
[72] GUPTA, RAJESH, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2017-03-22
[86] 2015-09-24 (PCT/CA2015/050947)
[87] (WO2016/044940)
[30] US (62/054,663) 2014-09-24

---

[21] **2,964,286**
[13] A1
[51] **Int.Cl. E21B 43/26 (2006.01) E21B 34/16 (2006.01)**
[25] EN
[54] **CONTROL SYSTEMS FOR FRACTURING OPERATIONS**
[54] **SYSTEMES DE COMMANDE POUR OPERATIONS DE FRACTURATION**
[72] LOPEZ, MIGUEL ANGEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-04-10
[86] 2015-10-12 (PCT/US2015/055059)
[87] (WO2016/060972)
[30] US (14/513,020) 2014-10-13

---

[21] **2,964,287**
[13] A1
[51] **Int.Cl. E21C 41/28 (2006.01) E21C 29/00 (2006.01)**
[25] EN
[54] **LAUNCH VEHICLE WITH A TILT DECK FOR HIGHWALL MINING**
[54] **VEHICULE DE LANCEMENT DOTE D'UN PONT INCLINE POUR EXPLOITATION MINIERE SUR PAROI HAUTE**
[72] BAIRD, JOHN A., JR., US
[71] UGM ADDCAR SYSTEMS, LLC, US
[85] 2017-03-30
[86] 2015-09-30 (PCT/US2015/053084)
[87] (WO2016/054134)
[30] US (62/057,644) 2014-09-30

[21] **2,964,289**
[13] A1
[51] **Int.Cl. G06K 13/073 (2006.01) G06K 19/077 (2006.01)**
[25] EN
[54] **WEB PROCESSING SYSTEM AND METHOD FOR PROCESSING A BASE WEB**
[54] **SYSTEME DE TRAITEMENT DE BANDE ET PROCEDE DE TRAITEMENT D'UNE BANDE DE BASE**
[72] KOFEL, BEAT, CH
[71] TEXTILMA AG, CH
[85] 2017-04-11
[86] 2015-09-16 (PCT/EP2015/071167)
[87] (WO2016/062463)
[30] EP (14189862.7) 2014-10-22

---

[21] **2,964,290**
[13] A1
[51] **Int.Cl. A61K 31/4375 (2006.01) A61K 31/4709 (2006.01) A61K 31/496 (2006.01)**
[25] EN
[54] **IMMUNOREGULATORY AGENTS**
[54] **AGENTS IMMUNOREGULATEURS**
[72] BECK, HILARY PLAKE, US
[72] JAEN, JUAN CARLOS, US
[72] OSIPOV, MAKSIM, US
[72] POWERS, JAY PATRICK, US
[72] REILLY, MAUREEN KAY, US
[72] SHUNATONA, HUNTER PAUL, US
[72] WALKER, JAMES ROSS, US
[72] ZIBINSKY, MIKHAIL, US
[72] BALOG, JAMES AARON, US
[72] WILLIAMS, DAVID K., US
[72] MARKWALDER, JAY A., US
[72] CHERNEY, EMILY CHARLOTTE, US
[72] SHAN, WEIFANG, US
[72] HUANG, AUDRIS, US
[71] FLEXUS BIOSCIENCES, INC., US
[85] 2017-04-10
[86] 2015-11-05 (PCT/US2015/059311)
[87] (WO2016/073770)
[30] US (62/075,671) 2014-11-05
[30] US (62/098,022) 2014-12-30

---

[21] **2,964,297**
[13] A1
[51] **Int.Cl. C07D 487/04 (2006.01) C07C 13/02 (2006.01) C07C 13/16 (2006.01) C07C 255/50 (2006.01)**
[25] EN
[54] **IMMUNOREGULATORY AGENTS**
[54] **AGENTS IMMUNOREGULATEURS**
[72] BECK, HILARY PLAKE, US
[72] JAEN, JUAN CARLOS, US
[72] OSIPOV, MAKSIM, US
[72] POWERS, JAY PATRICK, US
[72] REILLY, MAUREEN KAY, US
[72] SHUNATONA, HUNTER PAUL, US
[72] WALKER, JAMES ROSS, US
[72] ZIBINSKY, MIKHAIL, US
[72] BALOG, JAMES AARON, US
[72] WILLIAMS, DAVID K., US
[72] MARKWALDER, JAY A., US
[72] SEITZ, STEVEN P., US
[72] CHERNEY, EMILY CHARLOTTE, US
[72] ZHANG, LIPING, US
[72] SHAN, WEIFANG, US
[72] GUO, WEIWEI, US
[72] HUANG, AUDRIS, US
[71] FLEXUS BIOSCIENCES, INC., US
[85] 2017-04-10
[86] 2015-11-05 (PCT/US2015/059316)
[87] (WO2016/073774)
[30] US (62/075,678) 2014-11-05

---

[21] **2,964,298**
[13] A1
[51] **Int.Cl. G21B 1/03 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MERGING AND COMPRESSING COMPACT TORI**
[54] **SYSTEMES ET PROCEDES DE FUSION ET DE COMPRESSION DE TORES COMPACTS**
[72] BINDERBAUER, MICHL, US
[72] BYSTRITSKII, VITALY, US
[72] TAJIMA, TOSHIKI, US
[71] TRI ALPHA ENERGY, INC., US
[85] 2017-04-10
[86] 2015-10-12 (PCT/US2015/055172)
[87] (WO2016/061001)
[30] US (62/063,382) 2014-10-13
[30] US (62/064,346) 2014-10-15

---

[21] **2,964,306**
[13] A1
[51] **Int.Cl. C22B 3/06 (2006.01) C22B 3/04 (2006.01)**
[25] EN
[54] **PROCESSING FOR THE EXTRACTION OF RARE EARTH ELEMENTS**
[54] **TRAITEMENT POUR L'EXTRACTION D'ELEMENTS DES TERRES RARES**
[72] KASAINI, HENRY, US
[71] RARE ELEMENT RESOURCES, LTD., US
[85] 2017-04-10
[86] 2015-10-13 (PCT/US2015/055403)
[87] (WO2016/058007)
[30] US (62/062,705) 2014-10-10
[30] US (62/074,608) 2014-11-03
[30] US (62/165,155) 2015-05-21

[21] **2,964,309**
[13] A1
[51] **Int.Cl. C07D 209/30 (2006.01) A61K 31/403 (2006.01) A61K 31/4045 (2006.01) A61P 25/02 (2006.01) A61P 25/14 (2006.01) A61P 25/16 (2006.01) A61P 25/28 (2006.01) C07D 209/32 (2006.01) C07D 209/40 (2006.01) C07D 209/80 (2006.01) C07D 209/82 (2006.01)**
[25] EN
[54] **COMPOUNDS DERIVED FROM 3-ALKYLAMINE-1H-INDOLYL ACRYLATE AND THEIR USE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **COMPOSES DERIVES D'ACRYLATE DE 3-ALKYLAMINE-1H-INDOLYLE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] LEON MARTINEZ, RAFAEL, ES
[72] BUENDIA ABAITUA, IZASKUN, ES
[72] NAVARRO GONZALEZ DE MESA, ELISA, ES
[72] MICHALSKA, PATRYCJA, ES
[72] GAMEIRO ROS, ISABEL, ES
[72] EGEA MAIQUEZ, JAVIER, ES
[72] GARCIA LOPEZ, MANUELA, ES
[72] GARCIA GARCIA, ANTONIO, ES
[72] LOPEZ VIVO, ALICIA, ES
[71] FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO DE LA PRINCESA, ES
[71] UNIVERSIDAD AUTONOMA DE MADRID, ES
[71] DNS NEUROSCIENCE, ES
[85] 2017-04-11
[86] 2015-10-15 (PCT/ES2015/000139)
[87] (WO2016/059269)
[30] ES (P201400810) 2014-10-15

[21] **2,964,316**
[13] A1
[51] **Int.Cl. A61K 35/62 (2006.01) A23L 33/10 (2016.01) A61P 25/28 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **TAU PROTEIN PRODUCTION ACCELERATOR, AND THERAPEUTIC OR PREVENTIVE AGENT AND THERAPEUTIC OR PREVENTIVE FOOD COMPOSITION FOR DISEASES CAUSED BY TAU PROTEIN DEFICIENCY**
[54] **AGENT POUR FAVORISER LA PRODUCTION DE PROTEINE TAU, ET MEDICAMENT THERAPEUTIQUE OU PROPHYLACTIQUE ET COMPOSITION DE PRODUIT ALIMENTAIRE THERAPEUTIQUE OU PROPHYLACTIQUE POUR UNE MALADIE CAUSEE PAR UNE CARENCE EN PROTEINE TAU**
[72] ISHII, YOICHI, JP
[72] NEMOTO, TAKAYUKI, JP
[72] OKAMOTO, TAKESHI, JP
[71] WELL STONE CO., JP
[85] 2017-04-11
[86] 2015-11-02 (PCT/JP2015/080934)
[87] (WO2016/072392)
[30] JP (2014-223977) 2014-11-04

[21] **2,964,317**
[13] A1
[51] **Int.Cl. C12N 9/78 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS OF ADENOSINE DEAMINASE-2 (ADA2), VARIANTS THEREOF AND METHODS OF USING SAME**
[54] **COMPOSITIONS D'ADENOSINE DESAMINASE-2 (ADA2), VARIANTS DE CETTE DERNIERE ET LEURS PROCEDES D'UTILISATION**
[72] THANOS, CHRISTOPHER D., US
[72] WANG, LIN, US
[72] SHEPARD, H. MICHAEL, US
[71] HALOZYME, INC., US
[85] 2017-04-10
[86] 2015-10-14 (PCT/US2015/055613)
[87] (WO2016/061286)
[30] US (62/063,936) 2014-10-14

[21] **2,964,324**
[13] A1
[51] **Int.Cl. H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD OF GUIDED CROSS-COMPONENT PREDICTION FOR VIDEO CODING**
[54] **PROCEDE DE PREDICTION DE COMPOSANT TRANSVERSAL GUIDE POUR CODAGE VIDEO**
[72] HUANG, HAN, CN
[72] ZHANG, KAI, CN
[72] ZHANG, XIANGUO, CN
[71] MEDIATEK SINGAPORE PTE. LTD., SG
[85] 2017-04-11
[86] 2015-10-19 (PCT/CN2015/092168)
[87] (WO2016/066028)
[30] CN (PCT/CN2014/089716) 2014-10-28
[30] CN (PCT/CN2015/071440) 2015-01-23

[21] **2,964,325**
[13] A1
[51] **Int.Cl. F01K 7/34 (2006.01) F01K 23/10 (2006.01)**
[25] EN
[54] **A SYSTEM FOR HIGH EFFICIENCY ENERGY CONVERSION CYCLE BY RECYCLING LATENT HEAT OF VAPORIZATION**
[54] **SYSTEME POUR CYCLE DE CONVERSION D'ENERGIE DE HAUTE EFFICACITE PAR RECYCLAGE DE LA CHALEUR LATENTE DE VAPORISATION**
[72] VERMA, SUBODH, IN
[71] VERMA, SUBODH, IN
[85] 2017-04-11
[86] 2015-10-29 (PCT/IB2015/058331)
[87] (WO2016/067225)
[30] IN (3127/DEL/2014) 2014-10-31

---

[21] **2,964,326**
[13] A1
[51] **Int.Cl. H02M 7/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR INTRINSIC POWER FACTOR CORRECTION**
[54] **PROCEDE ET APPAREIL DE CORRECTION DE FACTEUR DE PUISSANCE INTRINSEQUE**
[72] LONG, BRUCE RICHARD, US
[72] DAGA, ANDREW W., US
[71] MOMENTUM DYNAMICS CORPORATION, US
[85] 2017-04-10
[86] 2015-10-19 (PCT/US2015/056204)
[87] (WO2016/064725)
[30] US (62/065,889) 2014-10-20

---

[21] **2,964,333**
[13] A1
[51] **Int.Cl. A61B 5/11 (2006.01)**
[25] EN
[54] **CHEWING DETECTING DEVICE**
[54] **DISPOSITIF DE DETECTION DE MASTICATION**
[72] SEKI, TETSUYA, JP
[72] HIROTA, SHUSAKU, JP
[72] CHISHIRO, YUSUKE, JP
[71] LOTTE CO., LTD., JP
[71] DENTSU INC., JP
[85] 2017-04-11
[86] 2015-10-19 (PCT/JP2015/079481)
[87] (WO2016/063844)
[30] JP (2014-214012) 2014-10-20

---

[21] **2,964,335**
[13] A1
[51] **Int.Cl. H04W 4/22 (2009.01) H04H 20/59 (2009.01)**
[25] EN
[54] **AUTOMOBILE INCIDENT DATA NETWORKING PLATFORM**
[54] **PLATE-FORME DE MISE EN RESEAU DE DONNEES D'INCIDENT D'AUTOMOBILE**
[72] SMITH, WILLIAM MICHAEL, US
[72] LUBY, ZEUS CORY, US
[71] SMITH LUBY HOLDINGS LLC, US
[85] 2017-04-11
[86] 2014-10-31 (PCT/US2014/063497)
[87] (WO2016/060697)
[30] US (14/514,012) 2014-10-14

---

[21] **2,964,336**
[13] A1
[51] **Int.Cl. E06B 9/24 (2006.01)**
[25] EN
[54] **MOUNTABLE COVER, BLIND AND / OR SHADE FOR GLASS/GLAZING PANELS IN WINDOWS, SKYLIGHTS, WALLS OR DOORS**
[54] **STORE DE COUVERCLE POUVANT ETRE MONTE POUR PANNEAUX DE VITRAGE/VERRE DANS DES FENETRES, DES TABATIERES, DES PAROIS OU DES PORTES**
[72] KOENITZ, CHRIS, US
[71] KOENITZ, CHRIS, US
[85] 2017-04-11
[86] 2015-09-04 (PCT/US2015/000094)
[87] (WO2016/039793)
[30] US (14/121,448) 2014-09-08
[30] US (14/756,375) 2015-09-03

---

[21] **2,964,338**
[13] A1
[51] **Int.Cl. E21B 23/02 (2006.01) E21B 33/04 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **DUAL LOCK SYSTEM**
[54] **SYSTEME A DOUBLE VERROUILLAGE**
[72] NGUYEN, DENNIS P., US
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2017-04-11
[86] 2015-09-22 (PCT/US2015/051537)
[87] (WO2016/060798)
[30] US (14/514,150) 2014-10-14

---

[21] **2,964,339**
[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **ULTRASONIC VITRECTOMY NEEDLE**
[54] **AIGUILLE DE VITRECTOMIE ULTRASONORE**
[72] MCCARY, BRIAN D., US
[71] BAUSCH & LOMB INCORPORATED, US
[85] 2017-04-11
[86] 2015-09-30 (PCT/US2015/053248)
[87] (WO2016/060847)
[30] US (14/513,459) 2014-10-14

---

[21] **2,964,345**
[13] A1
[51] **Int.Cl. C04B 35/575 (2006.01)**
[25] EN
[54] **HOT SURFACE IGNITERS AND METHODS OF MAKING SAME**
[54] **DISPOSITIFS D'ALLUMAGE A SURFACE CHAUDE ET PROCEDES DE FABRICATION DE CES DERNIERS**
[72] WILLKENS, CRAIG ANDREW, US
[72] FERNANDEZ, FREDERICK TAYLOR, US
[71] SPECIALIZED COMPONENT PARTS LIMITED, INC., US
[85] 2017-04-11
[86] 2015-10-12 (PCT/US2015/055074)
[87] (WO2016/060975)
[30] US (14/514,506) 2014-10-15

---

[21] **2,964,347**
[13] A1
[51] **Int.Cl. B21F 27/14 (2006.01) A01K 61/00 (2017.01)**
[25] EN
[54] **AN EDGE FINISHING FOR A MESH**
[54] **FINISSAGE DE BORD POUR UN TREILLIS**
[72] ULLRICH, MARK, NZ
[72] THELNING, NELSON HARTLEY, NZ
[72] ANDERSON, KEVIN MCBRIDE, NZ
[71] ULLRICH MACHINERY COMPANY, NZ
[85] 2017-04-11
[86] 2016-05-20 (PCT/NZ2016/050083)
[87] (WO2016/190751)
[30] NZ (708418) 2015-05-22
[30] NZ (720396) 2016-05-20

[21] **2,964,351**
[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **DELIVERY DEVICES, SYSTEMS AND METHODS FOR DELIVERING THERAPEUTIC MATERIALS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'ADMINISTRATION POUR ADMINISTRER DES SUBSTANCES THERAPEUTIQUES**
[72] LEVIT, REBECCA, US
[72] CAMPBELL, PETER, US
[71] EMORY UNIVERSITY, US
[85] 2017-04-11
[86] 2015-10-13 (PCT/US2015/055255)
[87] (WO2016/061055)
[30] US (62/063,026) 2014-10-13
[30] US (62/135,977) 2015-03-20

---

[21] **2,964,355**
[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01)**
[25] EN
[54] **INTERACTIVE BUILDING STACKING PLAN USER INTERFACE**
[54] **INTERFACE UTILISATEUR DE PLAN D'EMPILEMENT DE BATIMENT INTERACTIF**
[72] STEVENSON, PETER L., US
[72] OLSON, NATHANIEL S., US
[72] NISTA, JIM, US
[71] STEVENSON SYSTEMS, INC., US
[85] 2017-04-11
[86] 2015-10-02 (PCT/US2015/053664)
[87] (WO2016/064555)
[30] US (14/121,833) 2014-10-22

---

[21] **2,964,359**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) C12N 5/00 (2006.01) G01N 33/567 (2006.01)**
[25] EN
[54] **METHODS FOR CONDUCTING STIMULUS-RESPONSE STUDIES WITH INDUCED PLURIPOTENT STEM CELLS DERIVED FROM PERINATAL CELLS OR TISSUES**
[54] **PROCEDES DE CONDUITE D'ETUDES STIMULUS-REPONSE AVEC DES CELLULES SOUCHES PLURIPOTENTES INDUITES DERIVEES DE CELLULES OU DE TISSUS PERINATAUX**
[72] COYNE, SHAWN T., US
[72] COYNE, KEVIN P., US
[71] COYNE IP HOLDINGS, LLC, US
[85] 2017-04-11
[86] 2015-10-15 (PCT/US2015/055637)
[87] (WO2016/061298)
[30] US (62/064,067) 2014-10-15

---

[21] **2,964,360**
[13] A1
[51] **Int.Cl. C40B 40/02 (2006.01) C40B 30/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **PLATFORM AND METHODS FOR ANALYZING EFFECTS OF GENETICS, AGE AND ENVIRONMENT IN STIMULUS-RESPONSE STUDIES USING INDUCED PLURIPOTENT STEM CELLS**
[54] **PLATE-FORME ET PROCEDES D'ANALYSE DES EFFETS DE LA GENETIQUE, DE L'AGE ET DE L'ENVIRONNEMENT DANS DES ETUDES DE REPONSE A UN STIMULUS AU MOYEN DE CELLULES SOUCHES PLURIPOTENTES INDUITES**
[72] COYNE, KEVIN P., US
[72] COYNE, SHAWN T., US
[71] COYNE IP HOLDINGS, LLC, US
[85] 2017-04-11
[86] 2015-10-15 (PCT/US2015/055725)
[87] (WO2016/061343)
[30] US (62/064,365) 2014-10-15

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[21] **2,964,363**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) A61K 39/395 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IDENTIFICATION, ASSESSMENT, PREVENTION, AND TREATMENT OF T-CELL EXHAUSTION USING CD39 BIOMARKERS AND MODULATORS**
[54] **COMPOSITIONS ET METHODES D'IDENTIFICATION, D'EVALUATION, DE PREVENTION ET DE TRAITEMENT DU CANCER AU MOYEN DE MODULATEURS ET DE BIOMARQUEURS NFS39**
[72] HAINING, WILLIAM N., US
[72] SHARPE, ARLENE H., US
[72] GODEC, JERNEJ, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-04-11
[86] 2015-10-16 (PCT/US2015/055938)
[87] (WO2016/061456)
[30] US (62/065,192) 2014-10-17

---

[21] **2,964,365**
[13] A1
[51] **Int.Cl. H04B 3/54 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR ASSIGNING SLOTS AND RESOLVING SLOT CONFLICTS IN AN ELECTRICAL DISTRIBUTION GRID**
[54] **SYSTEME ET PROCEDES D'ALLOCATION D'INTERVALLES DE TEMPS ET DE RESOLUTION DE CONFLITS D'INTERVALLES DE TEMPS DANS UN RESEAU DE DISTRIBUTION ELECTRIQUE**
[72] HANSELL, JERRITT HAROLD, US
[72] BERNHEIM, HENRICK FERNAND, US
[71] ASTROLINK INTERNATIONAL LLC, US
[71] DOMINION ENERGY TECHNOLOGIES, INC., US
[85] 2017-04-11
[86] 2015-10-30 (PCT/US2015/058423)
[87] (WO2016/070104)
[30] US (62/072,882) 2014-10-30

[21] **2,964,366**
[13] A1
[51] **Int.Cl. E21B 10/62 (2006.01) E21B 10/43 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **DRILL BIT WITH SELF-ADJUSTING PADS**
[54] **TREPAN EQUIPE DE PATINS AUTO-REGLABLES**
[72] JAIN, JAYESH R., US
[72] BAXTER, BENJAMIN, US
[72] VEMPATI, CHAITANYA K., US
[72] RADFORD, STEVEN R., US
[72] PETERS, VOLKER, DE
[72] RICKS, GREGORY L., US
[72] BILEN, JUAN MIGUEL, US
[72] STIBBE, HOLGER, US
[72] CURRY, DAVID A., GB
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-04-11
[86] 2015-10-16 (PCT/US2015/055944)
[87] (WO2016/061458)
[30] US (14/516,340) 2014-10-16
[30] US (14/864,436) 2015-09-24

---

[21] **2,964,370**
[13] A1
[51] **Int.Cl. A61B 17/72 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR INTERMEDULLARY BONE FIXATION**
[54] **SYSTEMES ET PROCEDES DE FIXATION D'OS INTERMEDULLAIRE**
[72] HARSHMAN, EDWARD SCOTT, US
[72] DIMMER, STEVEN CHARLES, US
[72] STINSON, DAVID THOMAS, US
[71] EMPIRE TECHNOLOGY DEVELOPMENT LLC, US
[85] 2017-04-11
[86] 2015-10-14 (PCT/US2015/055441)
[87] (WO2016/061173)
[30] US (62/063,526) 2014-10-14

---

[21] **2,964,371**
[13] A1
[51] **Int.Cl. A61K 31/167 (2006.01) A61K 31/165 (2006.01) A61P 5/28 (2006.01) A61P 13/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING UROLOGICAL DISORDERS USING SARMS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES UROLOGIQUES PAR DES SARMS**
[72] NARAYANAN, RAMESH, US
[72] HESSELBERG, JEFFREY, US
[72] JOHNSTON, MARY ANN, US
[72] GETZENBERG, ROBERT H., US
[71] GTX, INC., US
[85] 2017-04-11
[86] 2015-10-16 (PCT/US2015/056063)
[87] (WO2016/061534)
[30] US (62/064,817) 2014-10-16

---

[21] **2,964,372**
[13] A1
[51] **Int.Cl. E05B 17/00 (2006.01) E05B 17/22 (2006.01) E05B 39/00 (2006.01) E05B 41/00 (2006.01) E05B 45/12 (2006.01)**
[25] EN
[54] **LATCH BOLT MONITOR USING A REED SWITCH**
[54] **DISPOSITIF DE SURVEILLANCE DE PENE DEMI-TOUR UTILISANT UN COMMUTATEUR A LAMES**
[72] SCHILDWACHTER, WILLIAM, US
[72] ORBETA, FERDINAND E., US
[71] SCHILDWACHTER, WILLIAM, US
[71] ORBETA, FERDINAND E., US
[71] TRINE ACCESS TECHNOLOGY, INC., US
[85] 2017-04-11
[86] 2015-10-20 (PCT/US2015/056381)
[87] (WO2016/064816)
[30] US (62/067,521) 2014-10-23

---

[21] **2,964,375**
[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01)**
[25] EN
[54] **ETHYL N-BOC PIPERIDINYL PYRAZOLO PYRIDONES AS JANUS KINASE INHIBITORS**
[54] **ETHYL N-BOC PIPERIDINYL PYRAZOLO PYRIDONES EN TANT QU'INHIBITEURS DE LA JANUS KINASE**
[72] SCOTT, MARK E., CA
[72] GUERIN, DAVID, US
[72] MOLINARI, DANIELLE, US
[72] KATTAR, SAM, US
[72] FULLER, PETER, US
[72] DINSMORE, CHRISTOPHER, US
[72] KONG, NORMAN, CN
[72] BAI, YUNFENG, CN
[72] FU, JIAMIN, CN
[72] LIU, YUMEI, CN
[72] ZHENG, ZHIXIANG, CN
[71] MERCK SHARP & DOHME CORP., US
[85] 2017-04-11
[86] 2015-10-21 (PCT/US2015/056541)
[87] (WO2016/064935)
[30] CN (PCT/CN2014/089139) 2014-10-22

---

[21] **2,964,376**
[13] A1
[51] **Int.Cl. F16L 25/00 (2006.01)**
[25] EN
[54] **A FITTING, A METHOD FOR CONNECTING CORRUGATED TUBING TO A FITTING AND USE OF A FITTING**
[54] **RACCORD, PROCEDE DE RACCORDEMENT D'UN TUBE ONDULE A UN RACCORD ET UTILISATION D'UN RACCORD**
[72] TREICHEL, STEVEN A., US
[71] OMEGA FLEX, INC., US
[85] 2017-04-11
[86] 2015-10-21 (PCT/US2015/056578)
[87] (WO2016/073196)
[30] EP (14191471.3) 2014-11-03

[21] **2,964,377**
[13] A1
[51] **Int.Cl. C07D 493/10 (2006.01)**
[25] EN
[54] **NARGENICIN COMPOUNDS AND USES THEREOF AS ANTIBACTERIAL AGENTS**
[54] **COMPOSES DE NARGENICINE ET LEURS UTILISATIONS EN TANT QU'AGENTS ANTIBACTERIENS**
[72] YOUNG, KATHERINE, US
[72] OLSEN, DAVID B., US
[72] SINGH, SHEO B., US
[72] SU, JING, US
[72] WILKENING, ROBERT R., US
[72] APGAR, JAMES M., US
[72] MENG, DONGFANG, US
[72] PARKER, DANN, US
[72] MANDAL, MIHIR, US
[72] YANG, LIHU, US
[72] PAINTER, RONALD E., US
[72] DANG, QUN, US
[72] SUZUKI, TAKAO, CN
[71] MERCK SHARP & DOHME CORP., US
[85] 2017-04-11
[86] 2015-10-21 (PCT/US2015/056627)
[87] (WO2016/064982)
[30] CN (PCT/CN2014/089204) 2014-10-22

---

[21] **2,964,378**
[13] A1
[51] **Int.Cl. A61K 38/22 (2006.01) C07K 14/485 (2006.01)**
[25] EN
[54] **PROMOTING EPITHELIAL REGENERATION POST TONSILLECTOMY USING HEPARIN BINDING EPIDERMAL GROWTH FACTOR LIKE GROWTH FACTOR**
[54] **PROMOTION DE REGENERATION EPITHELIALE POST-AMYGDALECTOMIE AU MOYEN DU FACTEUR DE CROISSANCE MIMETIQUE DU FACTEUR DE CROISSANCE EPIDERMIQUE SE LIANT A L'HEPARINE**
[72] SANTA MARIA, PETER LUKE, AU
[72] DOMVILLE-LEWIS, CHLOE, AU
[72] BESWICK, DANIEL, US
[72] CAPASSO, ROBSON, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-04-11
[86] 2015-10-21 (PCT/US2015/056651)
[87] (WO2016/064998)
[30] US (62/066,564) 2014-10-21

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[21] **2,964,384**
[13] A1
[51] **Int.Cl. B21D 22/28 (2006.01) B21D 24/16 (2006.01) B21D 28/02 (2006.01) B21D 35/00 (2006.01) B65D 1/40 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FORMING A CUP WITH A REFORMED BOTTOM**
[54] **APPAREIL ET PROCEDE POUR FORMER UNE COUPELLE AVEC UN FOND REFORME**
[72] LORD, RICHARD L., US
[72] KAANTA, JASON M., US
[72] BUCKLER, CHRISTINE N., US
[72] BULSO, JOSEPH D., US
[72] SIMMONS, WILLIAM J., US
[71] BALL CORPORATION, US
[85] 2017-04-11
[86] 2015-10-28 (PCT/US2015/057799)
[87] (WO2016/069737)
[30] US (62/069,623) 2014-10-28

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[21] **2,964,386**
[13] A1
[51] **Int.Cl. E21B 43/1185 (2006.01) F42D 1/04 (2006.01)**
[25] EN
[54] **OILFIELD SIDE INITIATION BLOCK CONTAINING BOOSTER**
[54] **BLOC D'AMORCAGE COTE CHAMP PETROLIFERE CONTENANT UN SURPRESSEUR**
[72] POTTER, BENJAMIN O., US
[72] GEERTS, SHAUN M., US
[72] CLAY, MATTHEW C., US
[71] OWEN OIL TOOLS LP, US
[85] 2017-04-10
[86] 2016-06-07 (PCT/US2016/036203)
[87] (WO2016/200803)
[30] US (62/173,175) 2015-06-09

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[21] **2,964,387**
[13] A1
[51] **Int.Cl. A61H 15/00 (2006.01) A61H 7/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MASSAGING A USER**
[54] **DISPOSITIF POUR MASSER UN UTILISATEUR**
[72] SOMJEE, ARDHIAT, CA
[71] SRT PERFORMANCE PTY LTD, AU
[85] 2017-04-11
[86] 2014-11-07 (PCT/AU2014/050344)
[87] (WO2015/066772)
[30] AU (2013904331) 2013-11-08

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[21] **2,964,389**
[13] A1
[51] **Int.Cl. F17C 13/04 (2006.01) F16K 17/38 (2006.01) F16K 17/40 (2006.01)**
[25] EN
[54] **THERMAL PRESSURE RELIEF DEVICE**
[54] **DISPOSITIF DE DETENTE DE PRESSION THERMIQUE**
[72] CARTER, STEPHEN ALAN, CA
[71] LUXFER CANADA LIMITED, CA
[85] 2017-04-11
[86] 2014-11-05 (PCT/CA2014/051062)
[87] (WO2016/070260)

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[21] **2,964,391**
[13] A1
[51] **Int.Cl. G06Q 50/18 (2012.01) G06F 15/18 (2006.01) G06F 17/27 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATIC IDENTIFICATION OF POTENTIAL MATERIAL FACTS IN DOCUMENTS**
[54] **SYSTEMES ET PROCEDES D'IDENTIFICATION AUTOMATIQUE DE FAITS IMPORTANTS POTENTIELS DANS DES DOCUMENTS**
[72] PENDYALA, MAHESH, US
[72] OSGOOD, GENE, US
[72] MYERS, JACOB AARON, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVLER INC., US
[85] 2017-04-11
[86] 2015-11-19 (PCT/US2015/061539)
[87] (WO2016/081707)
[30] US (62/081,786) 2014-11-19

[21] **2,964,392**
[13] A1
[51] **Int.Cl. C12N 5/078 (2010.01) C12N 5/0783 (2010.01) B01D 37/00 (2006.01) B07B 1/00 (2006.01) C12M 3/02 (2006.01) C12N 15/89 (2006.01)**
[25] EN
[54] **DELIVERY OF BIOMOLECULES TO IMMUNE CELLS**
[54] **ADMINISTRATION DE BIOMOLECULES EN DIRECTION DE CELLULES DU SYSTEME IMMUNITAIRE**
[72] SHAREI, ARMON R., US
[72] MAO, SHIRLEY, US
[72] HARTOULAROS, GEORGE, US
[72] LIU, SOPHIA, US
[72] HEIMANN, MEGAN, US
[72] BASTO, PAMELA, US
[72] SZETO, GREGORY, US
[72] JHUNJHUNWALA, SIDDHARTH, US
[72] IRVINE, DARRELL, US
[72] LANGER, ROBERT S., US
[72] JENSEN, KLAVS F., US
[72] VON ANDRIAN, ULRICH H., US
[71] MASSACHUSSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-04-11
[86] 2015-10-30 (PCT/US2015/058489)
[87] (WO2016/070136)
[30] US (62/073,548) 2014-10-31

---

[21] **2,964,393**
[13] A1
[51] **Int.Cl. G01R 25/00 (2006.01)**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR GRID LOCATION**
[54] **SYSTEME, PROCEDE, ET APPAREIL DE POSITIONNEMENT DE RESEAU ELECTRIQUE**
[72] HANSELL, JERRITT HAROLD, US
[72] BARNETT, ALAN DREW, US
[72] REED, JOSEPH ROBERT, US
[72] BERNHEIM, HENRIK FERNAND, US
[71] DOMINION ENERGY TECHNOLOGIES, INC., US
[71] ASTROLINK INTERNATIONAL LLC, US
[85] 2017-04-11
[86] 2015-10-30 (PCT/US2015/058492)
[87] (WO2016/070139)
[30] US (62/072,891) 2014-10-30

---

[21] **2,964,407**
[13] A1
[51] **Int.Cl. C04B 7/42 (2006.01)**
[25] EN
[54] **ULTRA-HIGH SALINITY SURFACTANT FORMULATION**
[54] **FORMULATION DE TENSIOACTIF A SALINITE ULTRA-ELEVEE**
[72] SALAZAR, LUIS C., US
[72] LEWIS, DAVID C., US
[72] GODAVARTHY, SRINIVASA, US
[71] HUNTSMAN PETROCHEMICAL LLC, US
[85] 2017-04-11
[86] 2015-12-01 (PCT/US2015/063065)
[87] (WO2016/099847)
[30] US (62/092,441) 2014-12-16
[30] US (62/104,985) 2015-01-19

---

[21] **2,964,410**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **IMPROVED NUCLEIC ACID QUANTITATION METHOD**
[54] **PROCEDE AMLEIORE DE QUANTIFICATION D'ACIDES NUCLEIQUES**
[72] DUGGAN, KAREN ANNETTE, AU
[72] BOULTER, NICOLA ROSALIND, AU
[71] ACCUGEN PTY LTD, AU
[85] 2017-04-12
[86] 2015-10-16 (PCT/AU2015/050637)
[87] (WO2016/058054)
[30] AU (2014904146) 2014-10-17

---

[21] **2,964,412**
[13] A1
[51] **Int.Cl. B29C 47/22 (2006.01)**
[25] EN
[54] **AN EXTRUSION TOOLING FOR PIPE EXTRUSION**
[54] **OUTILLAGE D'EXTRUSION POUR L'EXTRUSION DE TUYAUX**
[72] FEROS, NICHOLAS, AU
[72] WOOD, STEVEN ROBERT, AU
[71] VINIDEX PTY LIMITED, AU
[85] 2017-04-12
[86] 2015-10-20 (PCT/AU2015/050647)
[87] (WO2016/061625)
[30] AU (2014904176) 2014-10-20

---

[21] **2,964,413**
[13] A1
[51] **Int.Cl. A63F 1/18 (2006.01) G06F 3/01 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS AND DEVICES FOR MONITORING GAME ACTIVITIES**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS PERMETTANT DE SURVEILLER DES ACTIVITES DE JEU**
[72] BULZACKI, ADRIAN, CA
[72] CAZAN, VLAD, CA
[71] ARB LABS INC., CA
[85] 2017-04-12
[86] 2015-10-16 (PCT/CA2015/000539)
[87] (WO2016/058085)
[30] US (62/064,675) 2014-10-16
[30] US (62/168,395) 2015-05-29

---

[21] **2,964,414**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **SCRAPER BLADE DEVICE WITH JUXTAPOSED BLADE SEGMENTS HAVING A SWIVEL INTERCONNECTION BETWEEN MATING EDGES**
[54] **DISPOSITIF DE LAME RACLEUSE A SEGMENTS DE LAME JUXTAPOSES PRESENTANT UN RACCORDEMENT A PIVOT ENTRE BORDS DE CONTACT**
[72] VIGNEAULT, JIMMY, CA
[71] VIGNEAULT, JIMMY, CA
[85] 2017-04-12
[86] 2015-10-16 (PCT/CA2015/051045)
[87] (WO2016/058106)
[30] CA (2867957) 2014-10-17

[21] **2,964,415**
[13] A1
[51] **Int.Cl. C09D 5/16 (2006.01) C09D 151/08 (2006.01) C09D 163/00 (2006.01) C09D 175/04 (2006.01) C09D 183/10 (2006.01)**
[25] EN
[54] **ANTI-SMUDGE AND ANTI-GRAFFITI COMPOSITIONS**
[54] **COMPOSITIONS ANTISALISSURES ET ANTIGRAFFITI**
[72] HU, HENG, CA
[72] LIU, GUOJUN, CA
[72] RABNAWAZ, MUHAMMAD, US
[71] QUEEN'S UNIVERSITY AT KINGSTON, CA
[85] 2017-04-12
[86] 2015-10-16 (PCT/CA2015/051043)
[87] (WO2016/058104)
[30] US (62/064,773) 2014-10-16
[30] US (62/081,278) 2014-11-18
[30] US (62/137,550) 2015-03-24
[30] US (62/193,878) 2015-07-17

---

[21] **2,964,416**
[13] A1
[51] **Int.Cl. A01G 7/04 (2006.01) A01G 7/00 (2006.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR GROWING MARIJUANA**
[54] **SYSTEME, APPAREIL ET PROCEDE POUR FAIRE POUSSER DE LA MARIJUANA**
[72] CLUGSTON, JODY, CA
[72] GAGNE, PATRICK, CA
[72] POUNDER, JONATHON, CA
[71] AVID GROWING SYSTEMS INC., CA
[85] 2017-04-12
[86] 2015-10-20 (PCT/CA2015/051054)
[87] (WO2016/061672)
[30] US (62/066,568) 2014-10-21

---

[21] **2,964,417**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **DNA METHYLATION MARKERS FOR NEURODEVELOPMENTAL SYNDROMES**
[54] **MARQUEURS DE METHYLATION DE L'ADN POUR SYNDROMES NEUROLOGIQUES DU DEVELOPPEMENT**
[72] BUTCHER, DARCI, CA
[72] CHOUFANI, SANAA, CA
[72] GRAFODATSKAYA, DARIA, CA
[72] WEKSBERG, ROSANNA, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[85] 2017-04-12
[86] 2015-10-21 (PCT/CA2015/051059)
[87] (WO2016/061677)
[30] US (62/067,073) 2014-10-22
[30] US (62/115,922) 2015-02-13

---

[21] **2,964,418**
[13] A1
[51] **Int.Cl. H04W 84/20 (2009.01) H04W 8/22 (2009.01) H04W 48/10 (2009.01)**
[25] EN
[54] **BEACON ADDRESSING**
[54] **ADRESSAGE DE BALISE**
[72] DING, MING, CA
[72] FALLAH, JAY, CA
[72] KIRK-KOFFI, SAMSON GRANT, CA
[72] PHILLIPS-LUBIMIV, AARON LYON, CA
[71] API INC., CA
[85] 2017-04-12
[86] 2015-10-30 (PCT/CA2015/051112)
[87] (WO2016/065483)
[30] US (62/073,746) 2014-10-31

---

[21] **2,964,419**
[13] A1
[51] **Int.Cl. H04W 48/18 (2009.01) H04W 48/08 (2009.01) H04W 48/16 (2009.01)**
[25] EN
[54] **METHOD FOR SELECTING A CELLULAR NETWORK**
[54] **PROCEDE DE SELECTION D'UN RESEAU CELLULAIRE**
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[72] WIRTANEN, JEFFREY WILLIAM, CA
[72] ZHANG, YI HAI, CA
[71] BLACKBERRY LIMITED, CA
[85] 2017-04-12
[86] 2015-11-20 (PCT/CA2015/051214)
[87] (WO2016/082028)
[30] US (14/555,645) 2014-11-27

---

[21] **2,964,421**
[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) H01L 33/48 (2010.01) F21V 23/06 (2006.01) H01L 25/075 (2006.01)**
[25] EN
[54] **SUBSTRATE USED FOR LED ENCAPSULATION, THREE-DIMENSIONAL LED ENCAPSULATION, BULB COMPRISING THREE-DIMENSIONAL LED ENCAPSULATION AND MANUFACTURING METHOD THEREFOR**
[54] **SUBSTRAT UTILISE POUR L'ENCAPSULATION DE DEL, ENCAPSULATION TRIDIMENSIONNELLE DE DEL, AMPOULE COMPRENANT UNE ENCAPSULATION TRIDIMENSIONNELLE DE DEL ET SON PROCEDE DE FABRICATION**
[72] YEUNG, ANDREW, CN
[71] SIM LIGHTING DESIGN COMPANY LIMITED, CN
[85] 2017-04-12
[86] 2015-10-15 (PCT/CN2015/091970)
[87] (WO2016/058539)
[30] CN (201420596769.X) 2014-10-15
[30] CN (201420597293.1) 2014-10-15
[30] CN (201420596768.5) 2014-10-15
[30] CN (201420616660.8) 2014-10-23
[30] CN (201420615380.5) 2014-10-23
[30] CN (201510023784.4) 2015-01-16
[30] CN (201510023423.X) 2015-01-16

[21] **2,964,422**
[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/12 (2006.01) C12M 1/34 (2006.01) C12M 3/00 (2006.01) C12N 1/00 (2006.01) C12N 5/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **MICROFLUIDIC DEVICE FOR CELL-BASED ASSAYS**
[54] **DISPOSITIF MICROFLUIDIQUE POUR DOSAGES A BASE DE CELLULES**
[72] CHEBOTAREV, OLEG, CA
[72] SIMMONS, CRAIG, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2017-04-12
[86] 2015-10-27 (PCT/CA2015/051095)
[87] (WO2016/065470)
[30] US (62/068,859) 2014-10-27

---

[21] **2,964,440**
[13] A1
[51] **Int.Cl. G06Q 50/30 (2012.01)**
[25] EN
[54] **SOCIAL SCORES FOR NETWORK ELEMENTS**
[54] **SCORES SOCIAUX POUR DES ELEMENTS DE RESEAU**
[72] KRISHNAMURTHY, RAJIV JAYANTH, US
[71] FACEBOOK, INC., US
[85] 2017-04-12
[86] 2014-10-23 (PCT/US2014/061882)
[87] (WO2016/064390)
[30] US (14/521,269) 2014-10-22

---

[21] **2,964,441**
[13] A1
[51] **Int.Cl. A63F 1/06 (2006.01)**
[25] EN
[54] **CARD DISCARDING DEVICE FOR TABLETOP GAME**
[54] **DISPOSITIF POUR JETER DES CARTES POUR JEU DE TABLE**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
[85] 2017-04-12
[86] 2015-10-14 (PCT/JP2015/005196)
[87] (WO2016/059796)
[30] JP (2014-223628) 2014-10-14

---

[21] **2,964,444**
[13] A1
[51] **Int.Cl. G02C 7/10 (2006.01) G02B 1/14 (2015.01) G02B 5/28 (2006.01)**
[25] EN
[54] **SPECTACLE LENS AND SPECTACLES**
[54] **VERRE DE LUNETTES ET LUNETTES**
[72] IWASAKI, EISAKU, JP
[72] OGO, YOICHI, JP
[72] NISHIMOTO, KEIJI, JP
[72] TAKASHIBA, KENJI, TH
[72] OGAWA, NAOMI, JP
[71] HOYA LENS THAILAND LTD., TH
[71] HOYA LENS THAILAND LTD., TH
[85] 2017-04-12
[86] 2015-10-16 (PCT/JP2015/079354)
[87] (WO2016/060257)
[30] JP (2014-212988) 2014-10-17

---

[21] **2,964,446**
[13] A1
[51] **Int.Cl. B63C 9/15 (2006.01) B63C 9/13 (2006.01) B63C 9/19 (2006.01)**
[25] EN
[54] **INFLATABLE PERSONAL BODYWEAR FLOTATION DEVICE**
[54] **DISPOSITIF GONFLABLE PERSONNEL DE FLOTTAISON A PORTER SUR LE CORPS**
[72] AGAPIADES, ATHANASIOS, US
[71] AGAPIADES, ATHANASIOS, US
[85] 2017-04-12
[86] 2015-06-19 (PCT/US2015/036667)
[87] (WO2015/196059)
[30] US (62/014,580) 2014-06-19

---

[21] **2,964,449**
[13] A1
[51] **Int.Cl. A61L 2/20 (2006.01) B65B 55/18 (2006.01)**
[25] EN
[54] **STERILIZATION DEVICE USING HYDROGEN PEROXIDE AND OZONE VAPORIZED AND COMBINED THROUGH MULTIPLE CAPILLARY TUBES**
[54] **DISPOSITIF DE STERILISATION UTILISANT DU PEROXYDE D'HYDROGENE ET DE L'OZONE VAPORISES ET COMBINES PAR L'INTERMEDIAIRE DE MULTIPLES TUBES CAPILLAIRES**
[72] GONCALVES, HELDER DA COSTA, PT
[71] GONCALVES, HELDER DA COSTA, PT
[85] 2017-04-12
[86] 2014-10-22 (PCT/PT2014/000064)
[87] (WO2016/064288)

---

[21] **2,964,451**
[13] A1
[51] **Int.Cl. E21B 29/00 (2006.01) E21B 29/08 (2006.01) E21B 33/06 (2006.01)**
[25] EN
[54] **COMPACT CUTTING SYSTEM AND METHOD**
[54] **SYSTEME DE COUPAGE COMPACT ET PROCEDE CORRESPONDANT**
[72] RAO, REDDI UDAYA BHASKARA, SG
[72] MCCREADIE, TOM, US
[71] WORLDWIDE OILFIELD MACHINE, INC., US
[85] 2017-04-12
[86] 2015-10-07 (PCT/US2015/054429)
[87] (WO2016/064582)
[30] US (14/518,404) 2014-10-20

[21] **2,964,452**
[13] A1
[51] **Int.Cl. B23K 35/28 (2006.01) B23K 35/02 (2006.01) B32B 15/01 (2006.01) C22C 21/02 (2006.01) C22C 21/10 (2006.01) C22C 21/14 (2006.01) F28F 21/08 (2006.01)**
[25] EN
[54] **BRAZING SHEET**
[54] **FEUILLE DE BRASAGE**
[72] REN, BAOLUTE, US
[71] ARCONIC INC., US
[85] 2017-04-12
[86] 2015-10-13 (PCT/US2015/055287)
[87] (WO2016/061074)
[30] US (62/063,267) 2014-10-13

---

[21] **2,964,454**
[13] A1
[51] **Int.Cl. A61F 2/28 (2006.01)**
[25] EN
[54] **IRRIGATION RESISTANT COMPOSITIONS FOR REGENERATION OF HARD TISSUES AND METHODS AND KITS OF USING THE SAME**
[54] **COMPOSITIONS RESISTANT A L'IRRIGATION POUR LA REGENERATION DE TISSUS DURS ET PROCEDES ET KITS D'UTILISATION DE CELLES-CI**
[72] POMRINK, GREGORY J., US
[72] CAO, CECILLIA A., US
[72] TOSUN, ZEHRA, US
[72] GAISSER, DAVID M., US
[71] NOVABONE PRODUCTS, LLC, US
[85] 2017-04-12
[86] 2015-10-09 (PCT/US2015/054845)
[87] (WO2016/060947)
[30] US (14/512,976) 2014-10-13
[30] US (62/212,845) 2015-09-01

---

[21] **2,964,457**
[13] A1
[51] **Int.Cl. A61M 35/00 (2006.01) A61M 99/00 (2012.01) A61M 3/00 (2006.01) A61M 5/315 (2006.01)**
[25] EN
[54] **METERED DOSING METHOD AND MECHANISMS THEREOF**
[54] **PROCEDE DE DOSAGE MESURE ET SES MECANISMES**
[72] KENDZIOREK, AARON, US
[72] SULLIVAN, NICHOLAS GRAYSON, US
[72] ELZINGA, SYTZE, US
[72] DOUGLASS, BRADLEY J., US
[72] RABER, JEFFREY CHARLES, US
[71] THE WERC SHOP, LLC, US
[85] 2017-04-12
[86] 2015-10-13 (PCT/US2015/055272)
[87] (WO2016/061062)
[30] US (62/063,198) 2014-10-13

---

[21] **2,964,464**
[13] A1
[51] **Int.Cl. H04J 14/02 (2006.01)**
[25] EN
[54] **MULTI-WAVELENGTH BALANCED OPTICAL TRANSMISSION NETWORKS**
[54] **RESEAUX DE TRANSMISSION OPTIQUE EQUILIBRES A MULTIPLES LONGUEURS D'ONDE**
[72] KILPER, DANIEL, US
[71] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2017-04-12
[86] 2015-10-14 (PCT/US2015/055466)
[87] (WO2016/061183)
[30] US (62/063,889) 2014-10-14

---

[21] **2,964,466**
[13] A1
[51] **Int.Cl. H01R 4/28 (2006.01) H02G 15/113 (2006.01) H02G 15/18 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SUPPORTING A PERMANENT CABLE SPLICE DURING CABLE INSTALLATION**
[54] **PROCEDE ET APPAREIL DE SUPPORT D'UNE EPISSURE PERMANENTE DE CABLES PENDANT L'INSTALLATION DE CABLES**
[72] PALMER, ROBERT WAYNE, US
[72] GREER, JODY MILTON, US
[72] WABNEGGER, DAVID KARL, CA
[71] QUANTA ASSOCIATES, L.P., US
[85] 2017-04-12
[86] 2015-10-16 (PCT/US2015/055975)
[87] (WO2016/061479)
[30] US (62/064,843) 2014-10-16

---

[21] **2,964,467**
[13] A1
[51] **Int.Cl. C12Q 1/37 (2006.01) C12N 15/10 (2006.01) C12N 15/81 (2006.01) C12Q 1/48 (2006.01)**
[25] EN
[54] **METHODS FOR GENERATING ENGINEERED ENZYMES**
[54] **PROCEDE DE GENERATION D'ENZYMES GENETIQUEMENT MODIFIEES**
[72] IVERSON, BRENT, US
[72] MAREK, PETER, US
[72] TAFT, JOSEPH, US
[71] RESEARCH DEVELOPMENT FOUNDATION, US
[85] 2017-04-12
[86] 2015-10-14 (PCT/US2015/055494)
[87] (WO2016/061199)
[30] US (62/063,836) 2014-10-14

[21] **2,964,468**
[13] A1
[51] **Int.Cl. H05B 6/46 (2006.01) H05B 6/52 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFE PAR RADIOFREQUENCE**
[72] KIMREY, HAROLD DAIL, JR., US
[71] KIMREY, HAROLD DAIL, JR., US
[85] 2017-04-12
[86] 2015-10-23 (PCT/US2015/057190)
[87] (WO2016/065303)
[30] US (62/067,976) 2014-10-23

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[21] **2,964,474**
[13] A1
[51] **Int.Cl. C07D 403/12 (2006.01) A61K 31/4192 (2006.01) A61P 35/00 (2006.01) C07D 311/80 (2006.01) C07D 345/00 (2006.01) C07D 405/12 (2006.01) C07D 491/147 (2006.01) C07D 493/10 (2006.01) C07D 495/04 (2006.01) C07F 5/02 (2006.01)**
[25] EN
[54] **NOVEL SMALL MOLECULE ANTICANCER AGENTS**
[54] **NOUVEAUX AGENTS ANTICANCEREUX A PETITES MOLECULES**
[72] JAHN, STEPHEN, US
[72] CASTELLANO, RONALD K., US
[72] FERREIRA, RENAN B., US
[72] LAW, BRIAN KEITH, US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, US
[85] 2017-04-12
[86] 2015-10-16 (PCT/US2015/056101)
[87] (WO2016/061555)
[30] US (62/065,467) 2014-10-17

---

[21] **2,964,475**
[13] A1
[51] **Int.Cl. C12P 13/04 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION WITH IMPROVED STABILITY**
[54] **COMPOSITION PHARMACEUTIQUE PRESENTANT UNE STABILITE AMELIOREE**
[72] LI, YUHUA, US
[72] GUARINO, ANDREW J., US
[71] FORESEE PHARMACEUTICALS CO., LTD., TW
[85] 2017-04-12
[86] 2015-10-15 (PCT/US2015/055634)
[87] (WO2016/061296)
[30] US (62/064,008) 2014-10-15

---

[21] **2,964,476**
[13] A1
[51] **Int.Cl. G02B 5/08 (2006.01) B60R 1/12 (2006.01) G06K 19/077 (2006.01) H01Q 1/32 (2006.01) H01Q 1/38 (2006.01)**
[25] EN
[54] **RADIO FREQUENCY IDENTIFICATION ENABLED MIRRORS**
[54] **MIROIRS VALIDES PAR IDENTIFICATION A FREQUENCE RADIO**
[72] NYALAMADUGU, SHESHI, US
[72] MULLIS, JOE, US
[71] NEOLOGY, INC., US
[85] 2017-04-12
[86] 2015-10-29 (PCT/US2015/058163)
[87] (WO2016/069954)
[30] US (62/072,416) 2014-10-29

---

[21] **2,964,477**
[13] A1
[51] **Int.Cl. A61B 6/04 (2006.01)**
[25] EN
[54] **PIVOTING PADDLE APPARATUS FOR MAMMOGRAPHY/TOMOSYNTHESIS X-RAY SYSTEM**
[54] **APPAREIL A PALETTE PIVOTANTE POUR SYSTEME A RAYONS X DE MAMMOGRAPHIE/TOMOSYNTHESE**
[72] STANGO, TIMOTHY, US
[72] NIKLASON, LOREN, US
[71] HOLOGIC, INC., US
[85] 2017-04-12
[86] 2015-11-03 (PCT/US2015/058782)
[87] (WO2016/073445)
[30] US (62/076,880) 2014-11-07

---

[21] **2,964,479**
[13] A1
[51] **Int.Cl. B44D 3/02 (2006.01)**
[25] EN
[54] **ESTHETIC APPARATUS AND RELATED METHODS OF USE**
[54] **APPAREIL D'ESTHETIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] KELSON, MALAENA, US
[71] LASH WRAP LLC, US
[85] 2017-04-12
[86] 2015-10-15 (PCT/US2015/055717)
[87] (WO2016/061337)
[30] US (62/064,342) 2014-10-15

---

[21] **2,964,480**
[13] A1
[51] **Int.Cl. A01N 63/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO MICROBIAL TREATMENT AND DIAGNOSIS OF DISORDERS**
[54] **PROCEDES ET COMPOSITIONS SE RAPPORTANT A UN TRAITEMENT MICROBIEN ET AU DIAGNOSTIC DE TROUBLES**
[72] CUTCLIFFE, COLLEEN, US
[72] EID, JOHN S., US
[72] BULLARD, JAMES H., US
[72] SCHICKLBERGER, MARCUS F., US
[71] WHOLE BIOME INC., US
[85] 2017-04-12
[86] 2015-10-30 (PCT/US2015/058511)
[87] (WO2016/070151)
[30] US (62/073,912) 2014-10-31

[21] **2,964,481**
[13] A1
[51] **Int.Cl. G06F 12/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NORMALIZED SCHEMA COMPARISON**
[54] **SYSTEMES ET PROCEDES DE COMPARAISON NORMALISEE DE SCHEMAS**
[72] BATIDES, STEVE, US
[72] LUCKABAUGH, JOY, US
[72] KHAMIS, MAAN, US
[71] LEXISNEXIS, A DIVISION OF REED ELSEVIER INC., US
[71] BATIDES, STEVE, US
[71] LUCKABAUGH, JOY, US
[71] KHAMIS, MAAN, US
[85] 2017-04-12
[86] 2015-11-06 (PCT/US2015/059395)
[87] (WO2016/073817)
[30] US (62/076,053) 2014-11-06

---

[21] **2,964,485**
[13] A1
[51] **Int.Cl. G08B 21/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED SECURITY SYSTEM OVER MULTIPLE SITES**
[54] **SYSTEME DE SECURITE REPARTI SUR DE MULTIPLES SITES**
[72] CHIANG, AVERY W., CA
[72] GOLDENBERG, TOMER, CA
[72] ADAM, MATTHEW J., CA
[72] GRIEMAN, JONATHAN E.B., CA
[72] MARLATT, SHAUN P., CA
[71] AVIGILON CORPORATION, CA
[85] 2017-04-12
[86] 2015-10-15 (PCT/US2015/055822)
[87] (WO2016/061407)
[30] US (62/064,368) 2014-10-15

---

[21] **2,964,487**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **APPARATUSES, METHODS AND SYSTEMS FOR AUTOMATED PROCESSING OF NUCLEIC ACIDS AND ELECTROPHORETIC SAMPLE PREPARATION**
[54] **APPAREILS, PROCEDES ET SYSTEMES POUR LE TRAITEMENT AUTOMATISE D'ACIDES NUCLEIQUES ET LA PREPARATION ELECTROPHORETIQUE D'ECHANTILLONS**
[72] ABRAMS, EZRA S., US
[72] YUN, DANNY, US
[72] BARBERA, TODD J., US
[72] SABIN, DOUGLAS GROSVENOR, US
[72] BOLES, T. CHRISTIAN, US
[71] SAGE SCIENCE, INC., US
[85] 2017-04-12
[86] 2015-10-15 (PCT/US2015/055833)
[87] (WO2016/061416)
[30] US (62/064,454) 2014-10-15
[30] US (62/183,514) 2015-06-23

---

[21] **2,964,488**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/10 (2016.01) A61B 5/06 (2006.01)**
[25] EN
[54] **CALIBRATION APPARATUS FOR A MEDICAL TOOL**
[54] **APPAREIL D'ETALONNAGE POUR OUTIL MEDICAL**
[72] WHITCOMB, NEIL, CA
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM, CA
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
[86] 2014-10-17 (PCT/CA2014/051004)
[87] (WO2016/058078)

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[21] **2,964,489**
[13] A1
[51] **Int.Cl. G06F 3/048 (2013.01)**
[25] EN
[54] **SYSTEM FOR GENERATING AN OUTPUT FILE**
[54] **SYSTEME POUR PRODUIRE UN FICHIER DE SORTIE**
[72] SILANO, CARMINE JOHN, US
[72] ROBERTS, EDWARD NEWSOME, US
[71] CHEERSOUNDS MUSIC, US
[85] 2017-04-12
[86] 2015-10-20 (PCT/US2015/056398)
[87] (WO2016/064830)
[30] US (62/066,932) 2014-10-22

---

[21] **2,964,491**
[13] A1
[51] **Int.Cl. B62B 3/00 (2006.01) A61G 13/00 (2006.01) B25J 5/00 (2006.01) B25J 9/00 (2006.01) B62B 5/06 (2006.01)**
[25] EN
[54] **NAVIGATION CARTS FOR A MEDICAL PROCEDURE**
[54] **CHARIOTS DE NAVIGATION POUR UNE PROCEDURE MEDICALE**
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM, CA
[72] RICHMOND, JOSHUA, CA
[72] VUONG, THANH, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
[86] 2014-10-17 (PCT/CA2014/051005)
[87] (WO2016/058079)

---

[21] **2,964,492**
[13] A1
[51] **Int.Cl. B42F 21/00 (2006.01)**
[25] EN
[54] **EXTENDED DIVIDERS**
[54] **INTERCALAIRES ETENDUS**
[72] SATO, JAY K., US
[72] VENKATASANTHANAM, SRIRAM, US
[71] CCL LABEL, INC., US
[85] 2017-04-12
[86] 2015-10-21 (PCT/US2015/056625)
[87] (WO2016/064981)
[30] US (62/066,697) 2014-10-21

[21] **2,964,493**
[13] A1
[51] **Int.Cl. G02B 6/10 (2006.01) G02B 6/028 (2006.01) G02B 27/09 (2006.01)**
[25] EN
[54] **OPTICAL FIBER ASSEMBLY WITH BEAM SHAPING COMPONENT**
[54] **ENSEMBLE FIBRE OPTIQUE AYANT UN ELEMENT DE FORMATION DE FAISCEAU**
[72] MORASSE, BERTRAND, CA
[72] BELHAJ, NEZIH, CA
[71] CORACTIVE HIGH-TECH INC., CA
[85] 2017-04-13
[86] 2014-10-23 (PCT/CA2014/051024)
[87] (WO2016/061657)

---

[21] **2,964,494**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 46/10 (2016.01) A61B 90/00 (2016.01) A61B 5/06 (2006.01) A61B 6/04 (2006.01)**
[25] EN
[54] **PATIENT REFERENCE TOOL FOR RAPID REGISTRATION**
[54] **OUTIL DE REFERENCE DE PATIENT POUR UNE INSCRIPTION RAPIDE**
[72] SELA, GAL, CA
[72] LUI, DOROTHY, CA
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] VUONG, THANH VINH, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
[86] 2015-07-31 (PCT/CA2015/050729)
[87] (WO2016/058088)
[30] CA (PCT/CA2014/050987) 2014-10-14

---

[21] **2,964,495**
[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21V 29/83 (2015.01) F21V 3/00 (2015.01) F21V 19/00 (2006.01) F21V 21/00 (2006.01)**
[25] EN
[54] **OMNIDIRECTIONAL LIGHT EMISSION LED LAMP**
[54] **LAMPE A DEL A EMISSION DE LUMIERE OMNIDIRECTIONNELLE**
[72] YEUNG, CHIWAI, CN
[71] GEAN LIGHTING CO., LIMITED, CN
[85] 2017-04-13
[86] 2015-10-14 (PCT/CN2015/000695)
[87] (WO2016/058286)
[30] CN (201410552841.3) 2014-10-17

---

[21] **2,964,496**
[13] A1
[51] **Int.Cl. H02J 3/18 (2006.01) H02H 3/02 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **ELECTRICAL POWER TRANSMISSION**
[54] **TRANSMISSION D'ELECTRICITE**
[72] ROSENDAHL, GLENN KENTON, CA
[71] ROSENDAHL, GLENN KENTON, CA
[85] 2017-04-13
[86] 2015-10-22 (PCT/CA2015/051069)
[87] (WO2016/061687)
[30] US (14/521,971) 2014-10-23

---

[21] **2,964,503**
[13] A1
[51] **Int.Cl. H04N 21/84 (2011.01) H04N 21/235 (2011.01)**
[25] EN
[54] **SYSTEM, APPARATUS AND METHOD FOR CONFIGURATION OF INDUSTRIAL VISION CONTROL MODULES**
[54] **SYSTEME, APPAREIL ET PROCEDE DE CONFIGURATION DE MODULES DE COMMANDE DE VISION INDUSTRIELS**
[72] EVERETT, SCOTT, CA
[72] JONES, RICHARD, CA
[71] EIGEN INNOVATIONS INC., CA
[85] 2017-04-13
[86] 2015-10-14 (PCT/IB2015/057882)
[87] (WO2016/059576)
[30] US (62/063,555) 2014-10-14

---

[21] **2,964,504**
[13] A1
[51] **Int.Cl. A61K 31/506 (2006.01) A61P 25/20 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING INSOMNIA**
[54] **COMPOSITIONS ET METHODES POUR TRAITER L'INSOMNIE**
[72] MOLINE, MARGARET, US
[72] PASTINO, GINA, US
[72] AKIMOTO, YURIE, JP
[72] ZAIMA, YASUHIRO, JP
[72] SUZUKI, NOBUYA, JP
[72] YOSHIDA, NOBUO, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2017-04-13
[86] 2015-10-21 (PCT/JP2015/080304)
[87] (WO2016/063995)
[30] US (62/067,443) 2014-10-23

---

[21] **2,964,505**
[13] A1
[51] **Int.Cl. B66F 7/26 (2006.01) B60S 9/00 (2006.01)**
[25] EN
[54] **LOW RIDER WHEEL JACK**
[54] **CRIC DE ROUE DE VEHICULE A GARDE AU SOL BASSE**
[72] ONG, ANDREW H., US
[71] ONG, ANDREW H., US
[85] 2017-04-13
[86] 2014-11-03 (PCT/US2014/063709)
[87] (WO2015/073247)
[30] US (61/905,442) 2013-11-18

---

[21] **2,964,506**
[13] A1
[51] **Int.Cl. C05B 7/00 (2006.01) C05B 9/00 (2006.01)**
[25] EN
[54] **STABLE AQUEOUS DISPERSIONS OF ZINC PHOSPHATES**
[54] **DISPERSIONS AQUEUSES STABLES DE PHOSPHATES DE ZINC**
[72] CHAND, UGESH, AU
[71] LIQUID FERTILISER PTY LTD, AU
[85] 2017-04-13
[86] 2015-10-14 (PCT/AU2015/050627)
[87] (WO2016/058046)
[30] US (62/064,122) 2014-10-15

---

[21] **2,964,507**
[13] A1
[51] **Int.Cl. C08L 95/00 (2006.01)**
[25] EN
[54] **FUEL-RESISTANT LIQUID ASPHALT BINDERS AND METHODS OF MAKING THE SAME**
[54] **LIANTS ROUTIERS LIQUIDES RESISTANT AUX CARBURANTS ET LEURS PROCEDES DE PREPARATION**
[72] CORUN, RONALD, US
[71] ASSOCIATED ASPHALT MARKETING, LLC, US
[85] 2017-04-13
[86] 2015-10-09 (PCT/US2015/054946)
[87] (WO2016/060958)
[30] US (14/515,202) 2014-10-15

[21] **2,964,509**
[13] A1
[51] **Int.Cl. G05B 23/02 (2006.01)**
[25] EN
[54] **MULTIPLE VIEW-POINT CONTENT CAPTURE AND COMPOSITION**
[54] **CAPTURE DE CONTENU A MULTIPLES POINTS DE VUE ET COMPOSITION**
[72] NOWAK, BENJAMIN, US
[71] NOWAK, BENJAMIN, US
[85] 2017-04-13
[86] 2015-10-14 (PCT/US2015/055580)
[87] (WO2016/061261)
[30] US (62/064,464) 2014-10-15

---

[21] **2,964,511**
[13] A1
[51] **Int.Cl. A47C 7/14 (2006.01) A47C 7/44 (2006.01) A47C 11/00 (2006.01) A47C 17/02 (2006.01)**
[25] EN
[54] **BALANCE JOINT**
[54] **ARTICULATION D'EQUILIBRAGE**
[72] KLOKK, JAN KATO, NO
[72] LADE, JAN, NO
[71] EKORNES ASA, NO
[85] 2017-04-13
[86] 2015-10-16 (PCT/NO2015/050192)
[87] (WO2016/060572)
[30] NO (20141242) 2014-10-17
[30] NO (20141243) 2014-10-17
[30] NO (20141244) 2014-10-17

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[21] **2,964,512**
[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 46/10 (2016.01) A61B 90/00 (2016.01) A61B 5/06 (2006.01)**
[25] EN
[54] **PATIENT REFERENCE TOOL**
[54] **OUTIL DE REFERENCE PATIENT**
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM, CA
[72] SELA, GAL, CA
[72] RICHMOND, JOSH, CA
[72] SAINI, VIVEK, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
[86] 2014-10-14 (PCT/CA2014/050987)
[87] (WO2016/058076)

---

[21] **2,964,513**
[13] A1
[51] **Int.Cl. B61F 5/26 (2006.01) B61F 5/32 (2006.01)**
[25] EN
[54] **BEARING ADAPTER SIDE FRAME INTERFACE FOR A RAILWAY CAR TRUCK**
[54] **INTERFACE DE CADRE LATERAL D'ADAPTATEUR DE PALIER DESTINEE A UN BOGIE DE WAGON**
[72] LIN, DAVID YUH-SHYANG, US
[72] HEYDEN, THOMAS J., US
[72] BERG, THOMAS R., US
[72] CLARK, CHRISTOPHER J., US
[72] MCGARVEY, KEVIN P., US
[71] STRATO, INC., US
[85] 2017-04-12
[86] 2015-12-02 (PCT/US2015/063338)
[87] (WO2016/099876)
[30] US (14/577,031) 2014-12-19

---

[21] **2,964,515**
[13] A1
[51] **Int.Cl. A01K 63/04 (2006.01) B01F 3/04 (2006.01)**
[25] EN
[54] **DIFFUSOR**
[54] **DIFFUSEUR**
[72] ROD, PEDER ANDERS, NO
[71] STORVIK AQUA AS, NO
[85] 2017-04-13
[86] 2015-10-20 (PCT/NO2015/050194)
[87] (WO2016/064278)
[30] NO (20141250) 2014-10-20

---

[21] **2,964,518**
[13] A1
[51] **Int.Cl. A23G 9/32 (2006.01) A23G 9/04 (2006.01)**
[25] EN
[54] **ICE CREAM INCORPORATING ALCOHOL**
[54] **CREME GLACEE CONTENANT DE L'ALCOOL**
[72] LANGLEY, JOSEPH BRETT, US
[71] JBL HOLDINGS, II, INC., US
[85] 2017-04-13
[86] 2015-10-15 (PCT/US2015/055708)
[87] (WO2016/061331)
[30] US (62/064,070) 2014-10-15

---

[21] **2,964,519**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01)**
[25] EN
[54] **IN GAME DELIVERY OF DIGITAL PERSONALIZED OFFERS**
[54] **FOURNITURE EN COURS DE JEU D'OFFRES PERSONNALISEES NUMERIQUES**
[72] VAYSMAN, ARTHUR, US
[71] AINTU, INC., US
[85] 2017-04-13
[86] 2015-10-15 (PCT/US2015/055839)
[87] (WO2016/061421)
[30] US (62/064,222) 2014-10-15

---

[21] **2,964,520**
[13] A1
[51] **Int.Cl. A61K 31/13 (2006.01) A61K 31/341 (2006.01) A61P 25/08 (2006.01) C07D 307/14 (2006.01)**
[25] EN
[54] **A19-144, A2-73 AND CERTAIN ANTICHOLINESTERASE INHIBITOR COMPOSITIONS AND METHOD FOR ANTI-SEIZURE THERAPY**
[54] **A19-144, A2-73 ET CERTAINES COMPOSITIONS INHIBITRICES ANTICHOLINESTERASES ET PROCEDE DE THERAPIE ANTI-CONVULSIVANTE**
[72] MISSLING, CHRISTOPHER U., US
[72] DURRANT, CAMERON, US
[71] ANAVEX LIFE SCIENCES CORP., US
[85] 2017-04-13
[86] 2015-10-19 (PCT/US2015/056172)
[87] (WO2016/064711)
[30] US (62/065,833) 2014-10-20

[21] **2,964,543**
[13] A1
[51] **Int.Cl. G06Q 50/20 (2012.01)**
[25] EN
[54] **REVERSE TRANSFER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRANSFERT INVERSE**
[72] FALK, DOUGLAS R., US
[72] ROMANO, ROBERT A., US
[72] LAM, LYDIA, US
[72] BROWN, VANESSA, US
[72] TRUESDALE, STEVEN, US
[72] GANOTRA, MANISH, US
[72] BATCHU, RAVI, US
[72] QIAN, LAN, US
[72] PELHAM, WILLIAM, US
[71] NATIONAL STUDENT CLEARINGHOUSE, US
[85] 2017-04-11
[86] 2015-10-09 (PCT/US2015/054934)
[87] (WO2016/064602)
[30] US (62/067,211) 2014-10-22
[30] US (62/139,353) 2015-03-27
[30] US (14/793,274) 2015-07-07

---

[21] **2,964,561**
[13] A1
[51] **Int.Cl. D02G 3/04 (2006.01) D02G 3/28 (2006.01) D02G 3/36 (2006.01)**
[25] EN
[54] **HYBRID YARNS, METHOD OF MAKING HYBRID YARNS AND FABRICS MADE OF HYBRID YARNS**
[54] **FILS HYBRIDES, PROCEDES DE FABRICATION DE FILS HYBRIDES ET TISSUS FABRIQUES A PARTIR DE FILS HYBRIDES**
[72] ACKROYD, DENNIS D., US
[71] COOLCORE LLC, US
[85] 2017-04-12
[86] 2015-10-13 (PCT/US2015/055346)
[87] (WO2016/061112)
[30] US (62/063,830) 2014-10-14

---

[21] **2,964,571**
[13] A1
[51] **Int.Cl. F24F 11/02 (2006.01)**
[25] EN
[54] **AIR CONDITIONER CONTROL SYSTEM, CONNECTING DEVICE, AND AIR CONDITIONER CONTROL METHOD**
[54] **SYSTEME DE COMMANDE DE CONDITIONNEUR D'AIR, DISPOSITIF DE LIAISON ET PROCEDE DE COMMANDE DE CONDITIONNEUR D'AIR**
[72] USHIROSAKO, HIROAKI, JP
[72] KOIZUMI, YOSHIAKI, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2017-04-13
[86] 2014-10-14 (PCT/JP2014/077332)
[87] (WO2016/059671)

---

[21] **2,964,572**
[13] A1
[51] **Int.Cl. C07C 243/36 (2006.01) C08F 2/44 (2006.01) C08F 20/10 (2006.01) C08K 5/25 (2006.01) C08L 33/10 (2006.01) C09K 3/10 (2006.01)**
[25] EN
[54] **PHENYLHYDRAZINE/ANHYDRIDE ADDUCTS AND ANAEROBIC CURABLE COMPOSITIONS USING SAME**
[54] **PRODUITS D'ADDITION PHENYLHYDRAZINE/ANHYDRIDE ET COMPOSITIONS DURCISSABLES PAR VOIE ANAEROBIE METTANT EN OEUVRE CES PRODUITS**
[72] KLEMARCZYK, PHILIP T., US
[72] BIRKETT, DAVID P., IE
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2017-04-13
[86] 2015-09-30 (PCT/US2015/053063)
[87] (WO2016/064543)
[30] US (62/067,027) 2014-10-22

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[21] **2,964,574**
[13] A1
[51] **Int.Cl. C12N 15/74 (2006.01) A61K 39/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **RECOMBINANT LISTERIA VACCINE STRAINS AND METHODS OF USING THE SAME IN CANCER IMMUNOTHERAPY**
[54] **SOUCHES VACCINALES DE LISTERIA DE RECOMBINAISON ET METHODES D'UTILISATION DESDITES SOUCHES DANS L'IMMUNOTHERAPIE ANTICANCEREUSE**
[72] PATERSON, YVONNE, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-04-13
[86] 2015-10-14 (PCT/US2015/055604)
[87] (WO2016/061277)
[30] US (62/063,828) 2014-10-14
[30] US (62/065,973) 2014-10-20

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[21] **2,964,589**
[13] A1
[51] **Int.Cl. B29B 11/16 (2006.01) B29C 43/18 (2006.01) B29C 70/06 (2006.01) B29C 70/10 (2006.01) C08J 5/04 (2006.01)**
[25] EN
[54] **FIBER-REINFORCED RESIN INTERMEDIATE MATERIAL AND METHOD FOR MANUFACTURING SAME**
[54] **MATERIAU INTERMEDIAIRE EN RESINE RENFORCE PAR DES FIBRES ET SON PROCEDE DE FABRICATION**
[72] ONO, AKIO, JP
[72] YASUE, AKIRA, JP
[71] THE JAPAN STEEL WORKS, LTD., JP
[85] 2017-04-12
[86] 2015-10-16 (PCT/JP2015/079297)
[87] (WO2016/060240)
[30] JP (2014-213114) 2014-10-17

[21] **2,964,591**
[13] A1
[51] **Int.Cl. B65H 45/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR FOLDING**
[54] **APPAREIL ET PROCEDE DE PLIAGE**
[72] NELSON, BRIAN, US
[72] MUHS, THOMAS, US
[72] FERGUSON, RYAN, US
[71] CURT G. JOA, INC., US
[85] 2017-04-11
[86] 2015-10-21 (PCT/US2015/056705)
[87] (WO2016/065032)
[30] US (62/068,353) 2014-10-24

---

[21] **2,964,620**
[13] A1
[51] **Int.Cl. C09K 8/532 (2006.01)**
[25] EN
[54] **ACRYLATE-BASED SULFUR SCAVENGING AGENTS FOR USE IN OILFIELD OPERATIONS**
[54] **AGENTS DE PIEGEAGE DU SOUFRE A BASE D'ACRYLATE DESTINES A ETRE UTILISES DANS DES OPERATIONS EN CHAMP PETROLIFERE**
[72] SHI, LIU, US
[72] ZHAO, FUNIAN, US
[72] QU, LIANGWEI, US
[72] HARLESS, MICHAEL, US
[72] HOPPE, RON, CA
[71] MULTI-CHEM GROUP, LLC, US
[85] 2017-04-12
[86] 2014-12-23 (PCT/US2014/072070)
[87] (WO2016/105370)

---

[21] **2,964,622**
[13] A1
[51] **Int.Cl. F16F 7/12 (2006.01) B60R 19/34 (2006.01) B62D 21/15 (2006.01) F16F 7/00 (2006.01)**
[25] EN
[54] **IMPACT ABSORBING MEMBER**
[54] **ELEMENT D'ABSORPTION D'IMPACT**
[72] SAWA, YASUNORI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] HAMADA, KOICHI, JP
[72] ITO, YASUNORI, JP
[72] YOSHIDA, HIROSHI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-04-12
[86] 2015-10-16 (PCT/JP2015/079348)
[87] (WO2016/060255)
[30] JP (2014-212631) 2014-10-17

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[21] **2,964,623**
[13] A1
[51] **Int.Cl. C09K 8/532 (2006.01)**
[25] EN
[54] **ACTIVITY ENHANCED SCALE DISPERSANT FOR TREATING INORGANIC SULFIDE SCALES**
[54] **DISPERSANT DE TARTRE A ACTIVITE AMELIOREE POUR LE TRAITEMENT DE TARTRE CONSTITUE DE SULFURES INORGANIQUES**
[72] PENG, YANG, US
[72] YUE, ZHIWEI, US
[72] FAN, CHUNFANG, US
[72] HAZLEWOOD, JOHNATHAN SCOTT, US
[71] MULTI-CHEM GROUP, LLC, US
[85] 2017-04-12
[86] 2014-12-23 (PCT/US2014/072146)
[87] (WO2016/105385)

---

[21] **2,964,625**
[13] A1
[51] **Int.Cl. A61K 31/513 (2006.01)**
[25] EN
[54] **FATTY LIVER DISEASE TREATMENT USING GLUCOCORTICOID AND MINERALOCORTICOID RECEPTOR ANTAGONISTS**
[54] **TRAITEMENT DE LA STEATOSE HEPATIQUE A L'AIDE D'ANTAGONISTES DES RECEPTEURS DES GLUCOCORTICOIDES ET DES MINERALOCORTICOIDES**
[72] BELANOFF, JOSEPH K., US
[72] HUNT, HAZEL, US
[72] MEIJER, ONNO C., NL
[72] VAN DEN HEUVEL, JOSE, NL
[71] CORCEPT THERAPEUTICS, INC., US
[85] 2017-04-12
[86] 2015-10-14 (PCT/US2015/055487)
[87] (WO2016/061195)
[30] US (62/064,358) 2014-10-15
[30] US (62/092,041) 2014-12-15

---

[21] **2,964,626**
[13] A1
[51] **Int.Cl. A61F 2/08 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR REPAIRING SOFT TISSUE AND ATTACHING SOFT TISSUE TO BONE**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR REPARER UN TISSU MOU ET FIXER UN TISSU MOU A UN OS**
[72] LINDER, RICHARD J., US
[72] KUBIAK, ERIK N., US
[72] TAYLOR, ROY M., US
[72] EVANS, ZACKERY K., US
[72] COLE, TYLER J., US
[72] MILES, SCOTT D., US
[72] BECK, KENT F., US
[71] CONEXTIONS, INC., US
[85] 2017-04-12
[86] 2015-10-16 (PCT/US2015/056059)
[87] (WO2016/061530)
[30] US (62/064,533) 2014-10-16
[30] US (62/094,032) 2014-12-18
[30] US (62/129,742) 2015-03-06
[30] US (62/215,739) 2015-09-09

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[21] **2,964,628**
[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A01N 25/34 (2006.01)**
[25] EN
[54] **EXTENDED RELEASE ABUSE DETERRENT LIQUID FILL DOSAGE FORM**
[54] **FORME GALENIQUE ANTI-ABUS DE REMPLISSAGE DE LIQUIDE A LIBERATION PROLONGEE**
[72] THOMPSON, EDWIN R., US
[72] THOMPSON, ERIC R., US
[72] MYSLINSKI, NICHOLAS R., US
[72] KEMENY, STEVEN F., US
[72] HART, MATTHEW N., US
[71] PHARMACEUTICAL MANUFACTURING RESEARCH SERVICES, INC., US
[85] 2017-04-12
[86] 2015-10-20 (PCT/US2015/056458)
[87] (WO2016/064873)
[30] US (62/066,298) 2014-10-20

[21] **2,964,629**
[13] A1
[51] **Int.Cl. A01N 43/00 (2006.01)**
[25] EN
[54] **EZH2 INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'EZH2 ET LEURS UTILISATIONS**
[72] BRADNER, JAMES E., US
[72] QI, JUN, US
[72] WONG, KWOK KIN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-04-12
[86] 2015-11-06 (PCT/US2015/059622)
[87] (WO2016/073956)
[30] US (62/076,410) 2014-11-06

---

[21] **2,964,632**
[13] A1
[51] **Int.Cl. B65G 15/12 (2006.01) B65G 21/14 (2006.01) B65G 39/10 (2006.01) B65G 39/12 (2006.01) B65G 41/00 (2006.01) B65G 41/02 (2006.01) E21F 13/00 (2006.01) E21F 17/00 (2006.01)**
[25] EN
[54] **CONVEYOR SYSTEM AND SUPPORT FRAME THEREFOR**
[54] **SYSTEME DE TRANSPORT ET CADRE DE SUPPORT DE CELUI-CI**
[72] SMITH, BENJAMIN JOHN, AU
[71] CONVEYOR MANUFACTURERS AUSTRALIA PTY LTD, AU
[85] 2017-04-13
[86] 2015-10-16 (PCT/AU2015/000623)
[87] (WO2016/058035)
[30] AU (2014904160) 2014-10-17

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[21] **2,964,633**
[13] A1
[51] **Int.Cl. C07K 16/10 (2006.01)**
[25] EN
[54] **HUMAN MONOCLONAL ANTIBODY SPECIFIC FOR THE F PROTEIN OF RESPIRATORY SYNCYTIAL VIRUS (RSV)**
[54] **ANTICORPS MONOCLONAL HUMAIN SPECIFIQUE DE LA PROTEINE F DU VIRUS RESPIRATOIRE SYNCYTIAL (VRS)**
[72] KOCH, HOLGER, US
[72] URWYLER, SIMON, US
[72] RUDOLF, MICHAEL P., US
[72] TRUONG, VU L., US
[71] ARIDIS PHARMACEUTICALS, INC., US
[85] 2017-04-12
[86] 2015-10-29 (PCT/US2015/058076)
[87] (WO2016/069904)
[30] US (14/527,545) 2014-10-29

---

[21] **2,964,634**
[13] A1
[51] **Int.Cl. C12P 13/16 (2006.01)**
[25] EN
[54] **NOSCAPINOID-PRODUCING MICROBES AND METHODS OF MAKING AND USING THE SAME**
[54] **MICROBES PRODUISANT DES NOSCAPINOIDES ET LEURS METHODES DE PRODUCTION ET D'UTILISATION**
[72] SMOLKE, CHRISTINA D., US
[72] LI, YANRAN, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-04-12
[86] 2015-11-16 (PCT/US2015/060891)
[87] (WO2016/081371)
[30] US (62/080,610) 2014-11-17
[30] US (62/107,238) 2015-01-23
[30] US (62/156,701) 2015-05-04
[30] US (62/159,122) 2015-05-08
[30] US (62/174,475) 2015-06-11

---

[21] **2,964,635**
[13] A1
[51] **Int.Cl. F17C 5/06 (2006.01) B67D 7/00 (2010.01) F17C 1/00 (2006.01) F17C 13/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REFUELLING A COMPRESSED GAS PRESSURE VESSEL USING A COOLING CIRCUIT AND IN-VESSEL TEMPERATURE STRATIFICATION**
[54] **SYSTEME ET PROCEDE DE RAVITAILLEMENT DE RECIPIENT SOUS PRESSION DE GAZ COMPRIME A L'AIDE D'UN CIRCUIT DE REFROIDISSEMENT ET D'UNE STRATIFICATION DE TEMPERATURE DANS LE RECIPIENT**
[72] FEKETE, DEREK SHANE, AU
[72] WHITEMAN, PAUL ANTHONY, AU
[71] MOSAIC TECHNOLOGY DEVELOPMENT PTY LTD, AU
[85] 2017-04-13
[86] 2015-10-13 (PCT/AU2015/050623)
[87] (WO2016/058042)
[30] AU (2014904104) 2014-10-14

---

[21] **2,964,637**
[13] A1
[51] **Int.Cl. E05B 19/00 (2006.01) E05B 19/26 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **MAGNETIC KEY ASSEMBLY**
[54] **ENSEMBLE CLE MAGNETIQUE**
[72] BORENSTEIN, DAVID FRANK, CA
[71] BORENSTEIN, DAVID FRANK, CA
[85] 2017-04-13
[86] 2015-10-15 (PCT/CA2015/051040)
[87] (WO2016/058101)
[30] US (62/122,268) 2014-10-16

---

[21] **2,964,640**
[13] A1
[51] **Int.Cl. F16K 27/00 (2006.01) F16K 5/04 (2006.01) F16K 5/08 (2006.01) F17C 13/04 (2006.01)**
[25] EN
[54] **GAS CYLINDER VALVE**
[54] **ROBINET-VANNE DE BOUTEILLE DE GAZ**
[72] CARTER, STEPHEN ALAN, CA
[71] LUXFER CANADA LTD, CA
[85] 2017-04-13
[86] 2015-12-04 (PCT/CA2015/051267)
[87] (WO2016/086308)
[30] GB (1421663.4) 2014-12-05

[21] **2,964,641**
[13] A1
[51] **Int.Cl. B08B 3/04 (2006.01) G02B 27/00 (2006.01)**
[25] EN
[54] **SELF-CLEANING OPTICAL SENSOR ASSEMBLY**
[54] **ENSEMBLE CAPTEUR OPTIQUE AUTO-NETTOYANT**
[72] NABAVI, NIMA, CA
[71] NABAVI, NIMA, CA
[85] 2017-04-13
[86] 2015-10-16 (PCT/CA2015/051044)
[87] (WO2016/058105)
[30] US (62/065,489) 2014-10-17

---

[21] **2,964,642**
[13] A1
[51] **Int.Cl. H04N 19/117 (2014.01) H04N 19/105 (2014.01) H04N 19/176 (2014.01) H04N 19/82 (2014.01)**
[25] EN
[54] **METHOD OF IMPROVED DIRECTIONAL INTRA PREDICTION FOR VIDEO CODING**
[54] **PROCEDE DE PREDICTION INTRA DIRECTIONNELLE AMELIOREE POUR LE CODAGE VIDEO**
[72] CHEN, CHING-YEH, CN
[72] HUANG, YU-WEN, CN
[72] XU, XIAOZHONG, US
[72] LIU, SHAN, US
[71] MEDIATEK INC., CN
[85] 2017-04-13
[86] 2015-10-28 (PCT/CN2015/093048)
[87] (WO2016/066093)
[30] US (62/073,209) 2014-10-31

---

[21] **2,964,643**
[13] A1
[51] **Int.Cl. F16K 17/20 (2006.01) F16K 17/30 (2006.01) F17C 13/04 (2006.01)**
[25] EN
[54] **EXCESS FLOW VALVE**
[54] **SOUPAPE D'EXCES DE DEBIT**
[72] CARTER, STEPHEN ALAN, CA
[71] LUXFER CANADA LTD, CA
[85] 2017-04-13
[86] 2015-12-14 (PCT/CA2015/051318)
[87] (WO2016/095029)
[30] GB (1422254.1) 2014-12-15

---

[21] **2,964,654**
[13] A1
[51] **Int.Cl. C08L 23/12 (2006.01)**
[25] EN
[54] **HETEROPHASIC POLYPROPYLENE WITH IMPROVED IMPACT STRENGTH/STIFFNESS BALANCE, IMPROVED POWDER FLOWABILITY, REDUCED EMISSIONS AND LOW SHRINKAGE**
[54] **POLYPROPYLENE HETEROPHASIQUE PRESENTANT UN MEILLEUR EQUILIBRE RESISTANCE AU CHOC/RIGIDITE, UNE MEILLEURE APTITUDE A L'ECOULEMENT DES POUDRES, DES EMISSIONS REDUITES ET UN FAIBLE RETRAIT**
[72] WANG, JINGBO, AT
[72] LESKINEN, PAULI, FI
[72] HORILL, THOMAS, AT
[72] GAHLEITNER, MARKUS, AT
[72] TRANNINGER, CORNELIA, AT
[72] FRIEDRICH, KARLHEINZ, AT
[72] SHUTOV, PAVEL, AT
[71] BOREALIS AG, AT
[85] 2017-04-13
[86] 2015-10-16 (PCT/EP2015/073997)
[87] (WO2016/066453)
[30] EP (14190440.9) 2014-10-27
[30] EP (15175779.6) 2015-07-08

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[21] **2,964,673**
[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12N 15/113 (2010.01) A61P 1/00 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR DOSING AND MONITORING SMAD7 ANTISENSE OLIGONUCLEOTIDE TREATMENT USING BIOMARKER LEVELS**
[54] **PROCEDES DE DOSAGE ET DE SUIVI D'UN TRAITEMENT AVEC UN OLIGONUCLEOTIDE ANTISENS DE SMAD7 UTILISANT DES TENEURS EN MARQUEURS BIOLOGIQUES**
[72] MONTELEONE, GIOVANNI, IT
[72] BELLINVIA, SALVATORE, CH
[71] NOGRA PHARMA LIMITED, IE
[71] CELGENE ALPINE INVESTMENT COMPANY II, LLC, BM
[85] 2017-04-13
[86] 2015-10-16 (PCT/EP2015/074070)
[87] (WO2016/059243)
[30] US (62/065,586) 2014-10-17
[30] US (62/065,596) 2014-10-17
[30] US (62/085,949) 2014-12-01

---

[21] **2,964,682**
[13] A1
[51] **Int.Cl. B66C 13/06 (2006.01) B66C 13/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR CONTROLLING THE ORIENTATION OF A SUSPENDED LOAD**
[54] **APPAREIL ET PROCEDE POUR COMMANDER L'ORIENTATION D'UNE CHARGE SUSPENDUE**
[72] JAMIESON, ANGUS, GB
[71] TORQUER LIMITED, GB
[85] 2017-04-13
[86] 2014-10-24 (PCT/GB2014/053185)
[87] (WO2015/059498)
[30] GB (1318843.8) 2013-10-24

[21] **2,964,687**
[13] A1
[51] **Int.Cl. A61B 1/00 (2006.01) B65D 83/10 (2006.01) G02B 23/24 (2006.01)**
[25] EN
[54] **INSTRUMENT TIP PROTECTOR**
[54] **SYSTEME DE PROTECTION D'EMBOUT**
[72] RAMSEY, PETER, GB
[71] MEDITECH ENDOSCOPY LTD, GB
[85] 2017-04-13
[86] 2015-10-12 (PCT/GB2015/052978)
[87] (WO2016/059383)
[30] GB (1418173.9) 2014-10-14
[30] GB (1513260.8) 2015-07-28

---

[21] **2,964,690**
[13] A1
[51] **Int.Cl. H04W 88/08 (2009.01) H04L 29/06 (2006.01)**
[25] EN
[54] **GEOSPATIAL LOCATION VERIFICATION**
[54] **VERIFICATION D'UNE POSITION GEOSPATIALE**
[72] PAMA, THANDISIZWE EZWENILETHU, ZA
[71] PAMA, THANDISIZWE EZWENILETHU, ZA
[85] 2017-04-13
[86] 2015-10-14 (PCT/IB2015/057883)
[87] (WO2016/132188)
[30] ZA (2014/07876) 2014-10-29

---

[21] **2,964,703**
[13] A1
[51] **Int.Cl. F21S 2/00 (2016.01) F21V 29/503 (2015.01) F21V 29/70 (2015.01) F21V 7/00 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **A STRAIGHT TUBE TYPE LIGHT EMITTING DIODE LAMP**
[54] **LAMPE A DIODE LUMINESCENTE DE TYPE TUBE DROIT**
[72] MITSUZUKA, HIDETOSHI, JP
[71] ABRAM CORPORATION, JP
[85] 2017-04-13
[86] 2015-06-05 (PCT/JP2015/066371)
[87] (WO2016/059826)
[30] JP (2014-212768) 2014-10-17

---

[21] **2,964,704**
[13] A1
[51] **Int.Cl. C08L 9/02 (2006.01) C08J 3/24 (2006.01) C08K 5/17 (2006.01)**
[25] EN
[54] **CROSS-LINKABLE NITRILE RUBBER COMPOSITION AND CROSS-LINKED RUBBER**
[54] **COMPOSITION RETICULABLE DE CAOUTCHOUC DE NITRILE ET PRODUIT RETICULE DE CAOUTCHOUC**
[72] SUGAWARA, SHINSUKE, JP
[72] KATANO, CHIKARA, JP
[71] ZEON CORPORATION, JP
[85] 2017-04-13
[86] 2015-08-05 (PCT/JP2015/072230)
[87] (WO2016/059855)
[30] JP (2014-212365) 2014-10-17

---

[21] **2,964,707**
[13] A1
[51] **Int.Cl. H04W 28/06 (2009.01) H04W 84/12 (2009.01)**
[25] EN
[54] **COMMUNICATION APPARATUS AND COMMUNICATION METHOD**
[54] **DISPOSITIF DE COMMUNICATION ET PROCEDE DE COMMUNICATION**
[72] ITAGAKI, TAKESHI, JP
[72] SAKODA, KAZUYUKI, JP
[72] YAMAURA, TOMOYA, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-08-04 (PCT/JP2015/072072)
[87] (WO2016/067694)
[30] JP (2014-223538) 2014-10-31

---

[21] **2,964,710**
[13] A1
[51] **Int.Cl. H04R 1/10 (2006.01)**
[25] EN
[54] **SOUND OUTPUT DEVICE AND SOUND GUIDING DEVICE**
[54] **DISPOSITIF D'EMISSION DE SON ET DISPOSITIF DE GUIDAGE DE SON**
[72] IGARASHI, GO, JP
[72] SUZUKI, SATOSHI, JP
[72] ASADA, KOHEI, JP
[72] NAGENO, KOJI, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-08-05 (PCT/JP2015/072187)
[87] (WO2016/067700)
[30] JP (2014-220918) 2014-10-30
[30] JP (2015-083220) 2015-04-15

---

[21] **2,964,712**
[13] A1
[51] **Int.Cl. H04N 21/438 (2011.01) H04H 60/27 (2009.01) G06F 13/00 (2006.01)**
[25] EN
[54] **RECEPTION DEVICE, TRANSMISSION DEVICE, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[72] IGARASHI, TATSUYA, JP
[72] KIKKAWA, NORIFUMI, JP
[72] DEWA, YOSHIHARU, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-10-21 (PCT/JP2015/079644)
[87] (WO2016/067987)
[30] JP (2014-219658) 2014-10-28

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[21] **2,964,713**
[13] A1
[51] **Int.Cl. C07C 29/152 (2006.01) B01J 23/80 (2006.01) B01J 37/00 (2006.01) B01J 37/03 (2006.01) C07C 31/04 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING METHANOL AND APPARATUS FOR PRODUCING METHANOL**
[54] **PROCEDE DE PRODUCTION DE METHANOL ET APPAREIL DE PRODUCTION DE METHANOL**
[72] KAMBE, YASUAKI, JP
[72] UCHIDA, KOHEI, JP
[72] WATANABE, HIROSHI, JP
[72] HIRAKAWA, DAIGO, JP
[72] HASEGAWA, TATSUYA, JP
[71] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
[85] 2017-04-13
[86] 2015-10-20 (PCT/JP2015/079580)
[87] (WO2016/063872)
[30] JP (2014-214081) 2014-10-20

[21] **2,964,714**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) H04N 21/432 (2011.01) H04N 21/6332 (2011.01)**
[25] EN
[54] **RECEPTION DEVICE, TRANSMISSION DEVICE, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[72] IGARASHI, TATSUYA, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-09-08 (PCT/JP2015/075393)
[87] (WO2016/067756)
[30] JP (2014-219657) 2014-10-28

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[21] **2,964,719**
[13] A1
[51] **Int.Cl. H04N 21/435 (2011.01) H04H 60/27 (2009.01) H04N 21/443 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **RECEPTION DEVICE, TRANSMISSION DEVICE, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF D'EMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] YAMAGISHI, YASUAKI, JP
[72] IGARASHI, TATSUYA, JP
[72] KIKKAWA, NORIFUMI, JP
[72] DEWA, YOSHIHARU, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-10-21 (PCT/JP2015/079645)
[87] (WO2016/067988)
[30] JP (2014-219659) 2014-10-28

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[21] **2,964,720**
[13] A1
[51] **Int.Cl. G06F 17/50 (2006.01) B23K 37/04 (2006.01)**
[25] EN
[54] **JIG INFORMATION SETTING METHOD AND JIG INFORMATION SETTING DEVICE**
[54] **PROCEDE DE DEFINITION D'INFORMATIONS DE GABARIT ET DISPOSITIF DE DEFINITION D'INFORMATIONS DE GABARIT**
[72] SHIMOYAMA, MASAO, JP
[72] AOTO, MASAMITSU, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-04-13
[86] 2015-10-08 (PCT/JP2015/078584)
[87] (WO2016/060054)
[30] JP (2014-210503) 2014-10-15

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[21] **2,964,721**
[13] A1
[51] **Int.Cl. H04N 21/435 (2011.01) H04H 60/25 (2009.01) H04H 60/27 (2009.01) H04N 21/6332 (2011.01) G06F 13/00 (2006.01)**
[25] EN
[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF DE TRANSMISSION, ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] KITAZATO, NAOHISA, JP
[72] IGARASHI, TATSUYA, JP
[72] YAMAGISHI, YASUAKI, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-10-21 (PCT/JP2015/079646)
[87] (WO2016/067989)
[30] JP (2014-219660) 2014-10-28

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[21] **2,964,723**
[13] A1
[51] **Int.Cl. H04N 21/235 (2011.01) H04N 21/435 (2011.01) H04N 19/70 (2014.01) H04N 5/20 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-10-29 (PCT/JP2015/080541)
[87] (WO2016/072347)
[30] JP (2014-227297) 2014-11-07

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[21] **2,964,726**
[13] A1
[51] **Int.Cl. A61F 5/11 (2006.01)**
[25] EN
[54] **ADHESIVE PLASTER STRUCTURE FOR TREATING WOUNDS CAUSED BY INGROWN NAILS**
[54] **STRUCTURE DE PLATRE ADHESIF POUR LE TRAITEMENT DES PLAIES PROVOQUEES PAR DES ONGLES INCARNES**
[72] HARADA, MASANORI, JP
[71] NEOSTYLE B CO., LTD., JP
[85] 2017-04-13
[86] 2015-11-09 (PCT/JP2015/081434)
[87] (WO2016/076248)
[30] JP (2014-228328) 2014-11-10
[30] JP (PCT/JP2015/070539) 2015-07-17

[21] **2,964,727**
[13] A1
[51] **Int.Cl. C09K 3/00 (2006.01) C09K 8/10 (2006.01) D01F 2/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING ULTRAFINE CELLULOSE FIBERS**
[54] **COMPOSITION COMPRENANT DE FINES FIBRES CELLULOSIQUES**
[72] HOMMA, IKUE, JP
[72] SHIMAOKA, TAKAYUJI, JP
[72] MIZUKAMI, MOE, JP
[72] OZAKI, TAKURI, JP
[72] NOGUCHI, YUICHI, JP
[72] TSUNODA, MITSURU, JP
[71] OJI HOLDINGS CORPORATION, JP
[85] 2017-04-13
[86] 2015-10-13 (PCT/JP2015/078935)
[87] (WO2016/060120)
[30] JP (2014-211020) 2014-10-15
[30] JP (2015-145662) 2015-07-23

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[21] **2,964,728**
[13] A1
[51] **Int.Cl. H04L 12/951 (2013.01) H04N 21/6332 (2011.01) H04L 12/70 (2013.01)**
[25] EN
[54] **TRANSMISSION APPARATUS, TRANSMISSION METHOD, RECEPTION APPARATUS, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] MICHAEL, LACHLAN BRUCE, JP
[72] TAKAHASHI, KAZUYUKI, JP
[71] SONY CORPORATION, JP
[85] 2017-04-13
[86] 2015-10-19 (PCT/JP2015/079442)
[87] (WO2016/067954)
[30] JP (2014-222026) 2014-10-30

---

[21] **2,964,729**
[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) B23K 26/21 (2014.01) B23K 26/322 (2014.01) C21D 9/50 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **LASER WELDED JOINT, VEHICLE COMPONENT, MANUFACTURING METHOD OF LASER WELDED JOINT, AND MANUFACTURING METHOD OF VEHICLE COMPONENT**
[54] **JOINT SOUDE AU LASER, PIECE AUTOMOBILE, PROCEDE PERMETTANT DE PRODUIRE UN JOINT SOUDE AU LASER ET PROCEDE PERMETTANT DE FABRIQUER UNE PIECE AUTOMOBILE**
[72] MARUYAMA NAOKI, JP
[72] NAITO YASUAKI, JP
[72] YONEMURA SHIGERU, JP
[72] MIYAZAKI YASUNOBU, JP
[72] KUWAYAMA TAKUYA, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-04-13
[86] 2015-11-19 (PCT/JP2015/082553)
[87] (WO2016/080488)
[30] JP (2014-234957) 2014-11-19

---

[21] **2,964,730**
[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **WIDE BANDWIDTH DRILL PIPE STRUCTURE FOR ACOUSTIC TELEMETRY**
[54] **STRUCTURE DE TIGE DE FORAGE A GRANDE LARGEUR DE BANDE POUR TELEMETRIE ACOUSTIQUE**
[72] XIA, HUA, US
[72] GAO, CHRIS, US
[72] CHANG, CHUNG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-13
[86] 2014-12-31 (PCT/US2014/072975)
[87] (WO2016/108881)

---

[21] **2,964,732**
[13] A1
[51] **Int.Cl. B01D 29/00 (2006.01) B01D 35/30 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **PURE WATER SYSTEMS**
[54] **SYSTEMES D'EAU PURE**
[72] HIRSCH, KAI, DE
[72] ADAMS, PAUL, US
[72] SGROI, ANTHONY, US
[72] ROBERTS, BRYAN, LEE, DE
[72] CAMP, ROBERT, US
[72] BLUM, MICHAEL, DE
[71] UNGER MARKETING INTERNATIONAL, LLC, US
[85] 2017-04-13
[86] 2015-04-10 (PCT/US2015/025386)
[87] (WO2015/157680)
[30] US (61/977,778) 2014-04-10
[30] US (62/065,803) 2014-10-20

---

[21] **2,964,740**
[13] A1
[51] **Int.Cl. B65D 1/42 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **VACUUM PANEL FOR NON-ROUND CONTAINERS**
[54] **PANNEAU FORME SOUS VIDE DESTINE A DES RECIPIENTS NON RONDS**
[72] STELZER, JAMES, US
[72] JOSHI, ROHIT V., US
[72] ZENG, GUIZHANG, US
[72] GANNON, DWAYNE, US
[71] AMCOR LIMITED, AU
[85] 2017-04-13
[86] 2015-04-15 (PCT/US2015/025940)
[87] (WO2016/064446)
[30] US (PCT/US2014/061894) 2014-10-23

---

[21] **2,964,747**
[13] A1
[51] **Int.Cl. B65D 1/40 (2006.01) B65D 1/02 (2006.01)**
[25] EN
[54] **VACUUM PANEL FOR NON-ROUND CONTAINERS**
[54] **PANNEAU A VIDE POUR RECIPIENTS NON RONDS**
[72] STELZER, JAMES, US
[72] JOSHI, ROHIT V., US
[72] ZENG, GUIZHANG, US
[72] GANNON, DWAYNE, US
[71] AMCOR LIMITED, AU
[85] 2017-04-13
[86] 2014-10-23 (PCT/US2014/061894)
[87] (WO2016/064392)

---

[21] **2,964,748**
[13] A1
[51] **Int.Cl. E21B 47/02 (2006.01) E21B 7/08 (2006.01)**
[25] EN
[54] **DRILLING DIRECTION CORRECTION OF A STEERABLE SUBTERRANEAN DRILL IN VIEW OF A DETECTED FORMATION TENDENCY**
[54] **CORRECTION DE DIRECTION DE FORAGE D'UNE FOREUSE SOUTERRAINE ORIENTABLE EN FONCTION D'UNE TENDANCE DE FORMATION DETECTEE**
[72] KIRKHOPE, KENNEDY J., CA
[72] ZACHARKO, JONATHAN PETER, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-13
[86] 2014-11-19 (PCT/US2014/066349)
[87] (WO2016/080978)

---

[21] **2,964,749**
[13] A1
[51] **Int.Cl. G06Q 40/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SELECTING INTERCHANGEABLE ANALYTICS MODULES TO PROVIDE CUSTOMIZED TAX RETURN PREPARATION INTERVIEWS**
[54] **PROCEDE ET SYSTEME DE SELECTION DE MODULES ANALYTIQUES INTERCHANGEABLES POUR FOURNIR DES ENTRETIENS DE PREPARATION DE DECLARATION DE REVENUS PERSONNALISES**
[72] MASCARO, MASSIMO, US
[72] GOLDMAN, JONATHAN R., US
[72] CABRERA, LUIS FELIPE, US
[72] LAASER, WILLIAM T., US
[71] INTUIT INC., US
[85] 2017-04-13
[86] 2014-12-22 (PCT/US2014/072242)
[87] (WO2016/085524)
[30] US (14/555,491) 2014-11-26

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,943,547**
[13] A1
[51] **Int.Cl. B01J 29/00 (2006.01) B01J 23/76 (2006.01) B01J 37/00 (2006.01)**
[25] EN
[54] **A CATALYST, A PROCESS FOR PREPARATION OF THE CATALYST AND APPLICATION THEREOF**
[54] **UN CATALYSEUR, UN PROCEDE DE PREPARATION DU CATALYSEUR ET APPLICATION ASSOCIEE**
[72] SHARMA, NAGESH, IN
[72] KUMAR, AJAY, IN
[72] KATRAVULAPALLI, SITA RAMA MURTHY VEERA VENKATA SATYA BHASKARA, IN
[72] METTU, ANILKUMAR, IN
[72] GOPALAKRISHNAN, KALPANA, IN
[72] JASRA, RAKSH VIR, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
[22] 2016-09-28
[41] 2017-04-16
[30] IN (3940/MUM/2015) 2015-10-16

[21] **2,943,915**
[13] A1
[51] **Int.Cl. B01D 27/10 (2006.01) B01D 27/08 (2006.01)**
[25] EN
[54] **FILTER ELEMENT WITH AIR-BLEED CONDUIT**
[54] **ELEMENT DE FILTRE A CONDUIT D'EVACUATION D'AIR**
[72] STAMEY, WILLIE L., JR., US
[72] ROLL, MARK A., US
[72] RHYNE, GREGORY K., US
[71] MANN+HUMMEL FILTRATION TECHNOLOGY US LLC, US
[22] 2016-09-30
[41] 2017-04-16
[30] US (14/885,081) 2015-10-16

[21] **2,944,762**
[13] A1
[51] **Int.Cl. C08G 73/02 (2006.01) B01F 5/00 (2006.01) C08F 2/01 (2006.01)**
[25] EN
[54] **FLOW REACTOR SYNTHESIS OF POLYMERS**
[54] **REACTEUR A LIT DESTINE A LA SYNTHESE DE POLYMERES**
[72] KINLEN, PATRICK JOHN, US
[72] ZWEIG, ANDREW M., US
[71] THE BOEING COMPANY, US
[22] 2016-10-05
[41] 2017-04-13
[30] US (14/882,073) 2015-10-13

[21] **2,944,850**
[13] A1
[51] **Int.Cl. F25D 19/00 (2006.01) F25D 11/00 (2006.01) F25D 23/00 (2006.01)**
[25] EN
[54] **REFRIGERATION APPARATUS**
[54] **APPAREIL DE REFRIGERATION**
[72] ESTILL, JIM, CA
[72] HALL, GREGORY ALLAN THOMAS, CA
[72] CUNNINGHAM, BRYAN STUART, CA
[72] O'BRIEN, DENNIS, CA
[71] DANBY PRODUCTS LIMITED, CA
[22] 2016-10-11
[41] 2017-04-13
[30] US (62/240,555) 2015-10-13

[21] **2,944,866**
[13] A1
[51] **Int.Cl. A62C 3/08 (2006.01)**
[25] EN
[54] **FIRE SUPPRESSION SYSTEMS**
[54] **SYSTEME D'EXTINCTION D'INCENDIE**
[72] GATSONIDES, JOSEPHINE, GB
[71] KIDDE GRAVINER LIMITED, GB
[22] 2016-10-06
[41] 2017-04-16
[30] GB (1518359.3) 2015-10-16

[21] **2,945,279**
[13] A1
[51] **Int.Cl. B05C 5/00 (2006.01) B05C 11/10 (2006.01)**
[25] EN
[54] **DEVICE FOR APPLYING A LIQUID MATERIAL TO A SUBSTRATE**
[54] **APPAREIL D'APPLICATION DE MATERIAU LIQUIDE SUR UN SUBSTRAT**
[72] MILO, THOMAS KEVIN, US
[72] CENTEA, MARK E., US
[71] TREMCO INCORPORATED, US
[22] 2016-10-14
[41] 2017-04-16
[30] US (62/242,609) 2015-10-16

[21] **2,945,924**
[13] A1
[51] **Int.Cl. E04F 15/18 (2006.01)**
[25] EN
[54] **MORTAR BED GAUGE DEVICE, SYSTEM, AND METHOD**
[54] **DISPOSITIF DE JAUGE DE LIT DE MORTIER, SYSTEME ET METHODE**
[72] KEENE, JAMES R., US
[72] KEENE, JAMES A., US
[71] KEENE BUILDING PRODUCTS CO., INC., US
[22] 2016-10-19
[41] 2017-04-19
[30] US (62/243,166) 2015-10-19

[21] **2,960,259**
[13] A1
[51] **Int.Cl. A01N 59/00 (2006.01) A01P 1/00 (2006.01) A23L 3/34 (2006.01) A61L 2/16 (2006.01) C02F 1/467 (2006.01) C11D 3/48 (2006.01) C25B 1/26 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING GERMICIDAL COMPOSITIONS**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION DE COMPOSITIONS GERMICIDES**
[72] DURHAM, CARMINE J., US
[72] MORGAN, R. ANDREW, US
[72] PAWLAK, MICHAEL C., US
[71] ZUREX PHARMAGRA, LLC, US
[22] 2012-09-17
[41] 2013-03-21
[62] 2,848,778
[30] US (61/535,829) 2011-09-16
[30] US (61/598,153) 2012-02-13

---

[21] **2,961,041**
[13] A1
[51] **Int.Cl. C12N 9/20 (2006.01) A61K 38/46 (2006.01) A61P 1/18 (2006.01) A61P 3/10 (2006.01) C12N 9/18 (2006.01) C12N 9/26 (2006.01) C12N 9/48 (2006.01) C12Q 1/44 (2006.01)**
[25] EN
[54] **LIPASE VARIANTS FOR PHARMACEUTICAL USE**
[54] **VARIANTES LIPASIQUES POUR UNE UTILISATION PHARMACEUTIQUE**
[72] SVENDSEN, ALLAN, DK
[72] SKJOET, MICHAEL, DK
[72] YAVER, DEBBIE, US
[72] CHRISTENSEN, LARS LEHMANN HYLLING, DK
[72] LARSEN, SIGNE ESKILDSEN, DK
[72] LUNDIN, NINA, DK
[72] LAMSA, MICHAEL, US
[72] GREGORY, PETER COLIN, DE
[71] NOVOZYMES A/S, DK
[71] NOVOZYMES, INC., US
[22] 2007-12-12
[41] 2008-07-03
[62] 2,670,643
[30] US (60/871,196) 2006-12-21

---

[21] **2,962,659**
[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **AN INTERFACE AND A METHOD OF SUPPLYING BREATHING GAS**
[54] **UNE INTERFACE ET UNE METHODE D'APPROVISIONNEMENT EN GAZ RESPIRATOIRE**
[72] TATKOV, STANISLAV, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2010-12-22
[41] 2011-06-30
[62] 2,785,454
[30] US (61/289,544) 2009-12-23

---

[21] **2,962,682**
[13] A1
[51] **Int.Cl. H01L 21/02 (2006.01) H01L 29/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATI FOR MAKING THIN SEMICONDUCTOR BODIES FROM MOLTEN MATERIAL**
[54] **PROCEDES ET APPAREILS POUR FABRIQUER DES CORPS SEMI-CONDUCTEURS MINCES A PARTIR D'UN MATERIAU FONDU**
[72] SACHS, EMANUEL M., US
[72] WALLACE, RICHARD L., US
[72] HANTSOO, EERIK T., US
[72] LORENZ, ADAM M., US
[72] HUDELSON, G. D. STEPHEN, US
[72] JONCZYK, RALF, US
[71] 1366 TECHNOLOGIES INC., US
[22] 2010-03-09
[41] 2010-09-16
[62] 2,754,880
[30] US (61/209,582) 2009-03-09
[30] US (61/224,730) 2009-07-10
[30] US (61/237,965) 2009-08-28

---

[21] **2,962,983**
[13] A1
[51] **Int.Cl. F15D 1/02 (2006.01)**
[25] EN
[54] **ORIFICE PLATES**
[54] **PLAQUES A ORIFICES**
[72] VAN BUSKIRK, PAUL, US
[71] VAN BUSKIRK, PAUL, US
[22] 2014-09-23
[41] 2015-04-02
[62] 2,925,724
[30] US (61/883069) 2013-09-26
[30] US (61/937693) 2014-02-10
[30] US (14/489149) 2014-09-17

---

[21] **2,963,124**
[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) C07K 14/47 (2006.01) C07K 14/52 (2006.01) C07K 14/525 (2006.01) C07K 14/785 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **TNF SUPERFAMILY COLLECTIN FUSION PROTEINS**
[54] **PROTEINES DE FUSION COLLECTINES DE LA SUPERFAMILLE DES TNF**
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] BRANSCHADEL, MARCUS, DE
[71] APOGENIX AG, DE
[22] 2008-07-10
[41] 2009-01-15
[62] 2,692,802
[30] EP (07013506.6) 2007-07-10

---

[21] **2,963,234**
[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01) A61L 27/40 (2006.01)**
[25] EN
[54] **EVERTING TRANSCATHETER VALVE AND METHODS**
[54] **VALVE TRANSCATHETER A RETOURNEMENT ET PROCEDES**
[72] BRUCHMAN, WILLIAM C., US
[72] HARTMAN, CODY L., US
[71] W. L. GORE & ASSOCIATES, INC., US
[22] 2013-06-18
[41] 2014-01-30
[62] 2,878,180
[30] US (61/675,744) 2012-07-25
[30] US (13/797,633) 2013-03-12

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,963,242**
[13] A1
[51] **Int.Cl. B01D 53/64 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **EMISSION CONTROL SYSTEM**
[54] **SYSTEME DE LUTTE CONTRE LES EMISSIONS**
[72] MOORE, RANDALL P., US
[72] JACKSON, KEVIN, US
[72] BALOGA, STEPHEN, US
[72] CHEN, BOBBY I. T., US
[72] HALLEY, BERANI A. C., US
[72] EDEL, JOHN, US
[71] SHAW ENVIRONMENTAL & INFRASTRUCTURE, INC., US
[22] 2012-02-01
[41] 2012-08-09
[62] 2,839,338
[30] US (61/438,404) 2011-02-01
[30] US (61/527,949) 2011-08-26

---

[21] **2,963,353**
[13] A1
[51] **Int.Cl. A42B 3/04 (2006.01)**
[25] EN
[54] **ADJUSTABLE HOCKEY HELMET**
[54] **CASQUE DE HOCKEY AJUSTABLE**
[72] BELANGER, GUILLAUME, CA
[72] BELAND, JEAN-FRANCOIS, CA
[71] BAUER HOCKEY LTD., CA
[22] 2008-08-15
[41] 2009-02-17
[62] 2,916,360
[30] US (61/956,621) 2007-08-17

---

[21] **2,963,716**
[13] A1
[51] **Int.Cl. A61F 2/06 (2013.01) A61F 2/07 (2013.01) A61F 2/04 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS FOR APPROXIMATING THE CROSS-SECTIONAL PROFILE OF VASCULATURE HAVING BRANCHES**
[54] **DISPOSITIFS ET PROCEDES D'APPROXIMATION D'UN PROFIL TRANSVERSAL D'UN SYSTEME VASCULAIRE AYANT DES RAMIFICATIONS**
[72] ROBISON, AARON, US
[71] W. L. GORE & ASSOCIATES, INC., US
[22] 2012-08-10
[41] 2013-02-21
[62] 2,843,497
[30] US (61/523,225) 2011-08-12

---

[21] **2,963,742**
[13] A1
[51] **Int.Cl. G10L 19/02 (2013.01)**
[25] EN
[54] **COMPLEX EXPONENTIAL MODULATED FILTER BANK FOR HIGH FREQUENCY RECONSTRUCTION**
[54] **BANQUE DE FILTRES MODULES EXPONENTIELS COMPLEXES DESTINEE A LA RECONSTRUCTION HAUTE FREQUENCE**
[72] EKSTRAND, PER, SE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2010-02-17
[41] 2010-08-26
[62] 2,901,791
[30] SE (0900217-1) 2009-02-18
[30] US (61/257105) 2009-11-02

---

[21] **2,963,804**
[13] A1
[51] **Int.Cl. E02F 3/815 (2006.01) E02F 3/80 (2006.01)**
[25] EN
[54] **BLADE SEGMENT AND BLADE ASSEMBLY FOR A SURFACE WORKING VEHICLE**
[54] **SEGMENT DE LAME ET ENSEMBLE DE LAMES POUR VEHICULE DE TERRASSEMENT**
[72] TUTSCHEK, ALEX, CA
[72] WOWK, DAVE, CA
[72] CORABIAN, MIHAI, CA
[72] BOGOJEVIC, DRAGAN, CA
[71] BOUNDARY EQUIPMENT CO. LTD., CA
[22] 2011-03-07
[41] 2011-09-24
[62] 2,733,418
[30] US (61/317,188) 2010-03-24

---

[21] **2,963,911**
[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/90 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 16200 AND CODE RATE OF 2/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 16 200 BITS ET UN TAUX DE CODE DE 2/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2014-09-25
[41] 2016-02-14
[62] 2,864,640
[30] KR (10-2014-0106173) 2014-08-14
[30] KR (10-2014-0120008) 2014-09-11

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[21] **2,964,006**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/0802 (2016.01)**
[25] EN
[54] **DISTRIBUTED CACHE FOR GRAPH DATA**
[54] **CACHE REPARTI POUR DONNEES GRAPHIQUES**
[72] VENKATARAMANI, VENKATESHWARAN, US
[71] FACEBOOK, INC., US
[22] 2011-11-30
[41] 2012-07-05
[62] 2,911,784
[30] US (61/428,799) 2010-12-30
[30] US (13/227,381) 2011-09-07

[21] **2,964,141**
[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) B60R 99/00 (2009.01) A61M 1/36 (2006.01) B60W 40/00 (2006.01)**
[25] EN
[54] **AUTONOMOUS VEHICLE COMPRISING EXTRACORPOREAL BLOOD TREATMENT MACHINE**
[54] **VEHICULE AUTONOME COMPRENANT UNE MACHINE DE TRAITEMENT DE SANG EXTRACORPORELLE**
[72] DOYLE, MATTHEW, US
[72] TANENBAUM, LEE, US
[72] TONG, JOHN, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[22] 2014-03-12
[41] 2014-09-25
[62] 2,899,705
[30] US (13/837,811) 2013-03-15

---

[21] **2,964,261**
[13] A1
[51] **Int.Cl. F16K 31/365 (2006.01) F16K 17/02 (2006.01) F16K 31/64 (2006.01)**
[25] EN
[54] **FLOW-CONTROL VALVE**
[54] **SOUPAPE DE REGULATION DE DEBIT**
[72] LOFFLER, GERHARD, DE
[71] OVENTROP GMBH & CO. KG, DE
[22] 2014-07-21
[41] 2015-01-22
[62] 2,918,251
[30] DE (10 2013 107 762.5) 2013-07-22
[30] DE (10 2014 103 051.6) 2014-03-07
[30] DE (10 2014 004 907.8) 2014-04-04
[30] DE (10 2014 004 910.8) 2014-04-04

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[21] **2,964,353**
[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H04H 20/00 (2009.01) H03M 13/27 (2006.01) H03M 13/31 (2006.01) H04L 27/34 (2006.01)**
[25] EN
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[22] 2015-02-11
[41] 2015-08-13
[62] 2,881,538
[30] KR (10-2014-0016860) 2014-02-13
[30] KR (10-2015-0017771) 2015-02-05

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[21] **2,964,508**
[13] A1
[51] **Int.Cl. E21B 47/07 (2012.01)**
[25] EN
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[72] JONES, RICHARD T., US
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[22] 2007-08-14
[41] 2008-02-29
[62] 2,874,263
[30] US (11/468,646) 2006-08-30

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[54] **JOINT A RECOUVREMENT**
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[22] 2007-09-14
[41] 2008-03-15
[62] 2,872,772
[30] US (60/844,774) 2006-09-15
[30] US (11/900,635) 2007-09-12

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[21] **2,964,545**
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[51] **Int.Cl. A61J 11/02 (2006.01) A61J 11/04 (2006.01)**
[25] EN
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[22] 2013-10-02
[41] 2014-05-02
[62] 2,829,000
[30] US (13/667,360) 2012-11-02

[21] **2,964,557**
[13] A1
[51] **Int.Cl. H03M 13/11 (2006.01) H04H 20/00 (2009.01) H03M 13/27 (2006.01) H03M 13/31 (2006.01) H04L 27/34 (2006.01)**
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[22] 2015-02-11
[41] 2015-08-13
[62] 2,881,540
[30] KR (10-2014-0016865) 2014-02-13
[30] KR (10-2015-0017770) 2015-02-05

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LEONHARD KURZ STIFTUNG & CO. KG 2,705,875
LERNER, BERNARD 2,700,223
LEROUX, BERTRAND 2,823,431
LEVEL 3 COMMUNICATIONS, LLC 2,883,351
LEVESQUE, VITAL 2,784,606
LEVY, JOSEPH S. 2,862,537
LEW, WILLIAM 2,817,215
LEXMARK INTERNATIONAL, INC. 2,854,015
LG ELECTRONICS INC. 2,837,908
LI, JIANMING 2,849,686
LI, JIJUN 2,855,950
LI, JUN 2,888,235
LI, NING 2,825,760
LI, YIMIN 2,768,887
LIAO, YIN-HSI 2,785,343
LIDDIARD, CHRISTOPHER J. 2,735,993
LIM, JONG GOOK 2,914,621
LIN, CHEN-HSIN 2,871,896
LIN, TENG-HUNG 2,708,419
LIN, WENDY W. 2,698,863
LINDHORST, ROHANNA MARIE 2,736,315
LINKENHOKER, JOHN M. 2,733,167
LINSTROTH, MICHAEL 2,834,234
LINSTROTH, MICHAEL 2,834,235
LIPS, ALEXANDER 2,754,722
LITKE, RONALD G., JR. 2,749,266
LITTLE, TROY 2,738,142
LITVIN, TAMARA 2,754,722
LIU, FIBRO TSU KUN 2,898,929
LIU, IKO 2,898,929
LIU, LIMIN 2,716,826
LIU, SHOPO HSIN TSU 2,898,929
LIU, WEI 2,774,976
LIU, XINJUN 2,716,826
LLOYD, STEVEN M. 2,756,782
LOPEZ, JEAN MARC 2,862,161
LOUIS, CHANTAL 2,740,252
LOUTZENHEISER, MATHEW LYNN 2,759,875
LOVE, ROBERT T. 2,879,901
LOVEKAMP, JOSHUA J. 2,843,740
LU, KEHUAN 2,822,983
LUCAS MEYER COSMETICS CANADA INC. 2,757,342
LUDWIG, CINDY L. 2,518,882
LUDWIN, DORON 2,858,896
LUEBKE, GARY 2,815,702
LUKA, RENEE 2,815,702
LUKASZEWICZ, MACIEJ 2,727,091
LUM, CHEE LEONG 2,753,961
LUMMUS, ERIC W. 2,856,290
LUNN, JOHN 2,860,586
LUO, HONG 2,855,950
LUO, XIAOCHUN 2,708,538
LUTNICK, HOWARD W. 2,625,171
LYMAN, ARINNE 2,817,215
M, GIREESH KUMAR 2,847,081
MA, KONG 2,873,434
MACEY, STEPHEN S. 2,807,580
MACKIE, STEPHEN CHARLES 2,871,092
MADELONE, JOHN JOSEPH, JR. 2,746,385
MAEDA, JUNKO 2,808,435
MAEDA, NOBUHIRO 2,781,165
MAGDASSI, SHLOMO 2,765,222
MAGERS, THORSTEN OTTO WOLFGANG 2,939,161
MAGGENTI, MARK 2,813,744
MAGNA INTERNATIONAL INC. 2,664,496
MAGNA SEATING INC. 2,749,402
MAGNAN, JEAN-FRANCOIS 2,871,092
MAHMOOD, MAZHAR 2,899,284
MAHROUCHE, RACHID 2,903,280
MAIDSAFE FOUNDATION 2,659,886
MAJURU, SHINGAI 2,518,216
MALARD, THIERRY 2,798,677
MALCHEV, DELYAN 2,780,927
MALEC, ANDREW D. 2,815,702
MANSOUR MINING INC. 2,678,136
MANZ, WILLI 2,880,933
MAO, HUA 2,814,024
MARATHON PETROLEUM COMPANY LP 2,761,226
MARQUIS-MARTIN, GUILLAUME HUGO 2,714,675
MARR, MICHAEL DAVID 2,882,531
MARSH, DOUGLAS J. 2,908,468
MARTCH, HENRY GREGG 2,854,802
MARTINEAU, PHILIP MAURICE 2,884,543
MARTON, ROBERT 2,807,414
MARULANDA-PAZ, GONZALO 2,908,468
MASLOBOISCHIKOVA, OLGA VASILIEVNA 2,907,811
MASON, TODD GORDON 2,899,257
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,674,493
MASSE, ANDRE M. 2,701,261
MASSIE, GABRIEL 2,732,644
MASTERCARD INTERNATIONAL INCORPORATED 2,406,375
MASTERS, RONALD A. 2,815,702
MASUBUCHI, JUN 2,808,597
MATERIELS INDUSTRIELS DE SECURITE 2,751,124
MATHESON, DONALD PAUL 2,834,751
MATHEWS, BLAKE 2,748,320
MATSUI, MASAYUKI 2,732,343
MATSUNO, TAKESHI 2,892,480
MATSUSHIMA, YUJI 2,806,821
MATSUSHITA, HIDEKI 2,793,411
MATTHEWS, MARTIN R. 2,664,496
MAUCERI, DANIELA 2,834,832
MAURER, PATRIK 2,706,300
MAURYA, DEVENDER NATH 2,942,926
MAVERICK CORPORATION 2,660,069
MAYER, DAVID 2,730,238
MAYER, MATTHEW J. 2,730,238
MAYER, WINFRIED 2,787,550
MAYES, JULIAN PETER 2,869,805
MCANALLY, CRAIG B. 2,731,109
MCCLOSKEY, ROBERT CRAIG 2,931,775
MCCOLE, LAURA 2,716,585
MCCULLOUGH, JOHN R. 2,831,098
MCCUTCHEN, CAROL 2,716,585
MCELROY, DAVID 2,888,685
MCPHERSON, MATHEW A. 2,882,674
MEADOR, CHRISTOPHER B. 2,736,121
MEDACTA INTERNATIONAL SA 2,898,391
MEDIA CART HOLDINGS, INC. 2,613,371
MEDTRONIC ABLATION FRONTIERS LLC 2,771,590
MEDTRONIC CRYOCATH LP 2,903,280
MEIJI CO., LTD. 2,711,379
MELLER, KARL 2,738,611
MELNYK, THOMAS 2,758,203
MENNE, ANDREAS 2,738,611
MERCK PATENT GMBH 2,726,015
MERCK PATENT GMBH 2,741,428
MERKEL, STEPHEN M. 2,625,171
MERTOGLU, MURAT 2,787,550
MERZLIAKOV, MIKHAIL 2,749,805
MEZGER, WILLIAM JEROME 2,795,260
MICHELS, JUERGEN 2,774,034
MICRO MOTION, INC. 2,731,109
MICRO MOTION, INC. 2,886,205
MICROMASS UK LIMITED 2,724,238
MICROMASS UK LIMITED 2,730,782
MICROTEC S.R.L. 2,675,549
MIETTE, EMMANUEL 2,887,100
MILLER, MARVIN J. 2,763,536
MILLER, MATTHEW L. 2,864,984
MILLICAN, STEVEN 2,841,444
MILLIKEN & COMPANY 2,834,594
MIND ALIVE INC. 2,707,351
MINERVA BIOTECHNOLOGIES CORPORATION 2,584,412
MIRACLE, GREGORY S. 2,834,594
MISHRA, SUVANKAR 2,831,098
MITAO, SHINJI 2,860,605
MITSUBISHI ELECTRIC CORPORATION 2,877,528
MITSUBISHI PENCIL COMPANY, LIMITED 2,858,339
MITTAL, VIBHU 2,866,548
MIZOROKE, TSUTOMU 2,838,898
MIZUKURA, YUKI 2,900,984
MODELL, MARK 2,775,695

MOEN, HELEN KATHLEEN 2,777,854
MOGHADAM, ALI MINAEI 2,860,586
MONKIEWICZ, JAROSLAW 2,794,944
MONSANTO S.A.S. 2,634,000
MONSANTO TECHNOLOGY, LLC 2,888,685
MOOTOO, STEPHEN DEVAN 2,764,725
MORAN, MAGDALENE 2,691,468
MORAND, MICHEL 2,936,414
MORASH, RUSSELL JACK 2,689,503
MORASKI, GARRETT C. 2,763,536
MORGAN, MICHAEL GRAHAM 2,761,584
MORI, ANNA 2,777,287
MORI, NOBUYUKI 2,781,504
MORISHITA, RYUICHI 2,635,849
MORIZOT, JEAN-CLAUDE 2,768,945
MORPHOTEK, INC. 2,682,726
MORRIS, KERRY P. 2,733,167
MORTBERG, MAGNUS 2,823,431
MORTENSON, MARK G. 2,749,805
MOSIER, JAMES PATRICK 2,888,235
MOTOROLA MOBILITY LLC 2,879,901
MUCHHALA, SUSHANT 2,743,169
MULTIMATIC INC. 2,896,399
MULTRUS, MARKUS 2,914,418
MUMM, RITA 2,888,685
MUNIE, LAWRENCE A. 2,815,702
MUNTERS CORPORATION 2,874,562
MURADORE, FABIEN 2,748,590
MURAMATSU, HIROAKI 2,877,528
MURPHY, DENNIS S. 2,815,669
MURPHY, DENNIS S. 2,815,702
MURPHY, JOHN L. 2,817,215
MURPHY, LEE ANNE 2,935,745
MURPHY, ROBERT J. 2,864,984
MURRAY, RICHARD LEE JR. 2,759,139
MURROW, KURT DAVID 2,689,175
MURUGAN, ANDIAPPAN 2,881,993
MYERS, STEPHEN 2,838,253
MYETTE, JAMES R. 2,674,493
NACCACHE, DAVID 2,640,856
NAKAGAWA, MASATO 2,660,123
NAKAMURA, TAKUMI 2,808,597
NAKAYAMA, KIYOTAKA 2,672,569
NAMUR, MARC 2,729,331
NANGIA, VIJAY 2,879,901
NARASIMHA, MURALI 2,879,901
NARTEA, MARGARET E. 2,833,550
NASH, ANDREW 2,855,056
NASR, TAWFIK NOAMAN 2,721,988
NATIONAL OILWELL VARCO, L.P. 2,759,139
NATIONAL RESEARCH COUNCIL OF CANADA 2,611,054
NAYAK, NIRAJ V. 2,518,882
NEATE, ANDREW SIMON 2,742,819
NEISER, RAYMOND R. 2,817,940
NELISSEN, JOSEPH WILHELMUS PETRUS MARIA 2,708,258
NELSON, DAVID M. 2,768,372
NELSON, KYLE 2,877,984
NELSON, RON 2,704,899
NEMASKA LITHIUM INC. 2,871,092
NEOMEND, INC. 2,795,260
NERI, BRUCE 2,716,826
NEUMANN, TILL 2,947,104
NEVEU, SYLVAINE 2,859,542
NEWTRICIOUS B.V. 2,708,258
NG, HOWARD 2,691,468
NGUYEN, SCOTT VINH 2,700,735
NICHOLS, PETER 2,775,168
NICOLAIDES, NICHOLAS C. 2,682,726
NIDEN, HOWARD L. 2,570,897
NIELSEN, NATHAN 2,742,863
NILSON, MICHAEL D. 2,843,740
NIMBALKER, AJIT 2,879,901
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,808,597
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,825,650
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,866,361
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,870,113
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,926,329
NISHIGAKI, FUSAKO 2,806,821
NISHIMURA, KIMIHIRO 2,860,605
NISSAN MOTOR CO., LTD. 2,864,082
NISSAN MOTOR CO., LTD. 2,868,969
NISTOR-GALLO, RAYMOND 2,703,103
NIXON, ANNE E. 2,865,260
NOBLE, SCOTT DAVID 2,773,973
NOFFKE, RICHARD PAUL 2,870,878
NORDHEIMER, DAVID 2,927,850
NORY, RAVIKIRAN 2,879,901
NOVOMATIC AG 2,815,493
NOVOTNY, PAUL M. 2,825,146
NOVOZYMES BIOLOGICALS HOLDING A/S 2,674,602
NOWAK, DAVID 2,691,387
NUNES PEREIRA, LUIS MIGUAL 2,718,880
O'BRIEN, MICHAEL 2,795,739
ODAR, JOHANN 2,703,103
ODERKERK, JEROEN 2,741,717
ODOM, RICHARD C. 2,895,251
ODOUR TECHNOLOGIES PTY LTD 2,726,841
OFFICE MASTER 2,924,944
OHTSUKA, HIROSHI 2,858,339
OISHI, YUKIHIRO 2,781,504
OJAGBOHUNMI, SAM 2,848,277
OK, DONG-CHEOL 2,876,921
OKATSU, MITSUHIRO 2,860,605
OLDANI, DARIO 2,742,385
OMNISENS SA 2,817,865
ORGERON, KEITH J. 2,935,843
OSAKA UNIVERSITY 2,635,849
OSBURN, ROBERT MARTIN 2,674,602
OSRAM SYLVANIA INC. 2,716,188
OSRAM SYLVANIA INC. 2,735,508
OTKRYTOE AKTSYONERNOE OBSCHESTVO "ROSNEFT OIL COMPANY" 2,907,811
OTTAVIANI, ANGELO 2,742,385
OU-YANG, DAVID TIEN-TUNG 2,745,194
OUTOTEC (FINLAND) OY 2,883,516
OUTOTEC OYJ 2,775,015
OVEREND, ANDREW STUART 2,757,727
P.E. LABELLERS S.P.A. 2,782,799
PAETOW, MARIO 2,610,389
PAGE, BRIGITTE 2,757,342
PAKKANEN, ANNELI 2,741,717
PALMLOEF, MAGNUS 2,741,717
PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD. 2,849,686
PANGBORN CORPORATION 2,759,875
PANI, DIANA 2,862,537
PAQUET, ALEX 2,921,227
PARADIGM HEALTH SCIENCES PTY LTD 2,826,166
PARE, CLAUDE 2,921,227
PARK, JAMIE ALTON 2,603,378
PARK, JOUNG SOO 2,914,621
PARK, SEONG-CHEOL 2,876,921
PARRY, DAVID WALTER 2,690,215
PARRY, THOMAS OWEN 2,793,711
PARTANEN, JUKKA 2,924,691
PASEK, EUGENE A. 2,856,290
PASQUERO, JEROME 2,769,898
PASQUINUCCI, ANTONIO 2,742,385
PASUT, GIANFRANCO 2,765,739
PATEL, JAYESH P. 2,856,290
PATEL, NARIK 2,860,586
PATEL, SONAL 2,687,901
PATERLINI-BRECHOT, PATRIZIA 2,452,099
PATT, MARIANNE 2,801,569
PAUL, CHARLES W. 2,719,758
PAYPAL, INC. 2,860,586
PEARSE, GARY 2,871,092
PEARSE, MARTIN 2,700,937
PEDERSEN, RICHARD P., JR. 2,570,897
PEI, BAILIN 2,783,502
PELLETIER, BENOIT 2,862,537
PELTONIEMI, KAARLE 2,775,015
PENG, YONG 2,855,950
PENNANEN, JUHO 2,924,691
PENNY, GLENN S. 2,874,593
PERALTA, DOMINIC 2,838,253
PEREGO, MICHELE 2,742,385
PERKINELMER HEALTH SCIENCES CANADA, INC. 2,714,287
PERKINELMER HEALTH SCIENCES, INC. 2,749,719
PERKINELMER SINGAPORE PTE LIMITED 2,749,719
PERKINS, NEIL 2,884,543
PERKO, JOCHEN 2,869,798
PERRIN, GERARD 2,698,297
PERSANS, ADAMS 2,756,782
PESONEN, LAURI P. 2,775,015
PETERS, JOERG 2,774,034
PETERS, JOHN ANTHONY 2,705,875
PETERSON, MATTHEW 2,597,075
PEYLA, PAUL J. 2,927,389

PFEIFLE, RONALD FRIEDRICH	2,776,678
PICKENS, NATHAN	2,843,471
PIERCE, DAVID K.	2,749,805
PIERSON, JOHN	2,704,899
PIETRZYK, GRZEGORZ	2,914,418
PINCKNEY, THOMAS	2,823,693
PIPAL, BHAGAT RAJ	2,914,669
PIRAMAL IMAGING SA	2,801,569
PIRAMUTHU, ROBINSON	2,911,522
PISOT, PHILIPPE	2,349,705
PIXAR	2,795,739
PLAT, JOGCHUM	2,708,258
POLONUS, THOMAS F.	2,666,509
POMPIDOR, CHRISTIAN	2,787,380
PONCELET, CHRISTOPHE	2,754,396
PONIATOWSKI, JEFFREY JOSEPH	2,736,315
PONTELLI, NICOLAS	2,805,584
POTTER, BRANT J.	2,644,876
POULTER, SCOTT BRIAN	2,830,542
POULTER, SCOTT BRIAN	2,830,546
POVINELLI, ANTHONY J.	2,664,496
PRABHAKAR, RAJEEV S.	2,823,431
PRAKASH, ADITYO	2,542,343
PRATT & WHITNEY CANADA CORP.	2,673,666
PRATT & WHITNEY CANADA CORP.	2,715,598
PRECISION ENERGY SERVICES, INC.	2,895,251
PREGULMAN, STEVEN J.	2,666,509
PREMIER TECH TECHNOLOGIES LTEE	2,784,606
PRESTON, BERRY	2,742,819
PRIEHN, HANNES	2,939,161
PROVO CRAFT AND NOVELTY, INC.	2,772,083
PTCHELINTSEV, DMITRI S.	2,708,538
PUGSLEY, TODD STEWART	2,870,794
PUROHIT, ANKIT	2,918,509
PURSLEY, JOHN T.	2,874,593
QIU, QIANG	2,754,722
QUALCOMM INCORPORATED	2,813,744
QUARIN, BENEDETTA	2,761,510
RACINOUX, JOEL	2,859,542
RAFAEL ARMAMENT DEVELOPMENT AUTHORITY LTD.	2,604,974
RAIKAR, SUDHIR	2,891,787
RAJ, ARJUN	2,735,197
RALEIGH, GREGORY G.	2,786,870
RAM, YOSSEF	2,879,513
RAMAKER, TORRANCE	2,666,509
RAMASWAMY, ARUN	2,687,691
RAO, ARUN	2,795,739
RAOUF, MAHA	2,687,901
RECHER, GILLES	2,896,362
RECHNER, ANDREAS	2,647,508
REDFEARN, HEATHER MARIE	2,881,993
REED, SCOTT	2,749,266
REHRIG PACIFIC COMPANY	2,671,054
REMMELE, THOMAS E.	2,822,123
REN, ZHIYUAN	2,690,215
RENAUDIN, PATRICE	2,695,238
RENIER, DAVIDE	2,765,739
RESSO, FRANK	2,704,899
REZNICK, DUDI	2,858,896
RHOADS, ROBERT E.	2,727,091
RHODIA OPERATIONS	2,859,542
RICHARD, MAXIME R.	2,829,699
RICHARDSON, ALLEN C.	2,748,320
RIECHERS, JORG	2,896,362
RIEMANN, CHRISTIAN	2,760,732
RIGOLET, JEAN-YVES	2,734,038
RILL, GERHARD B.	2,730,238
RIPKA, AMY	2,691,468
RIPLEY, DAVID LLOYD	2,803,306
RISTOVSKI, ALEKSANDAR	2,817,559
RITE-HITE HOLDING CORPORATION	2,877,984
RIVA, MARCO	2,898,391
RIVERA, ED	2,787,380
ROBERTS, JAMES R.	2,742,394
ROCKMAN, STEVE	2,700,937
ROCKWOOL INTERNATIONAL A/S	2,741,007
ROCKWOOL INTERNATIONAL A/S	2,769,352
ROCSOL TECHNOLOGIES INC.	2,836,830
ROEBKE, MATTHIAS	2,700,809
ROGERS, MATTHEW LEE	2,854,015
ROGERS, STEVEN BRUCE	2,886,205
ROHOLD, LARS	2,904,498
ROLLS-ROYCE CORPORATION	2,873,434
ROMAN, RICARDO	2,771,590
ROMANO, CHRISTOPHER M.	2,822,123
ROMERO, DENNIS	2,619,833
ROMERO, FRANCISCO	2,924,944
ROOMS, FREDERIC	2,734,107
ROSATO, ANTONIO	2,765,739
ROSEMOUNT INC.	2,616,802
ROSEN, ERIC	2,813,744
ROSENBERG, GORM	2,769,352
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG	2,761,235
ROSS, WILLIAM FRANCIS	2,935,745
ROSSOW, SILVANA	2,738,611
ROY, DANIEL	2,349,705
RUPP, ROMAN	2,741,007
RUSH COMPANY, INC	2,735,111
RUSSELL, PETER	2,877,249
RUSSELL, TIM	2,691,387
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	2,735,197
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	2,768,887
RYAN, DAVID	2,700,937
RYAN, EDWARD	2,740,252
S.C. JOHNSON & SON, INC.	2,845,010
S.I.SV.EL. S.P.A. SOCIETA' ITALIANA PER LO SVILUPPO DELL'ELETTRONICA	2,706,827
S.P.C.M. SA	2,775,168
SABIN, AMY STYCZYNSKI	2,949,199
SACHDEVA, RISHI	2,689,503
SADTLER, GRAHAM	2,691,387
SAFE-STRAP COMPANY, INC.	2,871,646
SAGEL, PAUL ALBERT	2,880,387
SAGLIOCCO, SERGIO	2,706,827
SAHADEVAN, DAVID C.	2,765,222
SAHAY-TURNER, PARNIKA	2,704,884
SAKATA, JUN	2,793,411
SAKURAI, TAKAHIRO	2,777,287
SAMBORN, SCOTT LEE	2,908,468
SAMOOCHA, OR	2,803,046
SAMSON, FABRICE	2,801,569
SAMSUNG ELECTRONICS CO., LTD.	2,914,621
SANDKUHLER, DIRK	2,860,892
SANOFI	2,771,055
SASAKI, MASAYOSHI	2,808,597
SASAKI, TAKASHI	2,900,984
SASISEKHARAN, RAM	2,674,493
SASS, PHILIP M.	2,682,726
SATAKE, YOSHINORI	2,711,379
SAVTCHENKO, SERGUEI	2,714,287
SC ASSET CORPORATION	2,927,850
SCHAEBEL, STEFAN	2,766,519
SCHAEFER, DAVE	2,735,111
SCHARF, BRYAN CHRISTOPHER	2,854,015
SCHEIB, CHARLES J.	2,751,662
SCHEUERER, STEFAN	2,747,677
SCHILDAN, ANDREAS	2,801,569
SCHINDLER, ULRICH	2,705,875
SCHIRALDI, DAVID A.	2,764,910
SCHISANO, THOMAS V.	2,514,743
SCHLUMBERGER CANADA LIMITED	2,935,843
SCHMIDT, KONSTANTIN	2,914,418
SCHMIDT, SEBASTIAN	2,774,034
SCHOEN, KENT	2,825,760
SCHOON, DOUGLAS D.	2,776,936
SCHOTTLI AG	2,880,933
SCHUBERT, BENJAMIN	2,914,418
SCHUBERT, OLIVER M.	2,742,394
SCHULTZ, JEFFREY WILLIAM	2,678,836
SCHWARZ, FREDERICK M.	2,951,916
SCHWERDLING, DIRK	2,815,493
SCOTCH, ADAM M.	2,735,508
SCOTNEY, PIERRE DAVID	2,855,056
SEAMAN, KEITH	2,854,015
SEARS, KATHERINE	2,865,260
SEIDEL, GEORGE E.	2,822,983
SEIDLING, JEFFERY RICHARD	2,777,854
SEIFERT, ULRICH	2,738,611
SEITZ, MICHAEL E.	2,763,611
SELVERIAN, JOHN	2,735,508
SHADDOCK, DAVID MULFORD	2,690,215
SHAKED, ILAN	2,604,974
SHALGI, AVI	2,858,896

SHANGHAI KEXIN BIOTECH CO., LTD. 2,814,024
SHANGHAI KEXIN BIOTECH CO., LTD. 2,814,029
SHANTZIS, MICHAEL 2,795,739
SHAPIRO, IRENE 2,815,702
SHARMA, MANISH 2,914,669
SHAW, EDWARD E. 2,843,740
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,603,378
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,700,735
SHELTON, DAVID 2,735,467
SHEVADE, MAKARAND S. 2,847,546
SHI, YONGQING 2,814,171
SHIAO, MING-LIANG 2,891,787
SHILPA MEDICARE LIMITED 2,914,669
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CAIRES, CHRISTOPHER C. 2,960,541
CALIARO, SEBASTIEN 2,960,042
CALO LOPEZ, ANTONIO 2,961,287
CAMERON INTERNATIONAL CORPORATION 2,964,255
CAMERON INTERNATIONAL CORPORATION 2,964,338
CAMERON, JAMES 2,962,612
CAMP, ROBERT 2,964,732
CAMPBELL, DOUGLAS 2,964,179
CAMPBELL, PETER 2,964,351
CANALES, EDA 2,958,742
CANFOR PULP LTD 2,964,181
CANFOR PULP LTD 2,964,210
CANNON, PAUL 2,960,190
CANOVA, LORENZO 2,957,845
CAO, CECILLIA A. 2,964,454
CAO, JIANJUN 2,964,172
CAO, JUNXING 2,960,838
CAPASSO, ROBSON 2,964,378
CAPITAO DA COSTA, MANUEL 2,963,187
CARDIOVASCULAR SYSTEMS, INC. 2,964,100
CARLSEN, SIMON 2,960,693
CARMICHAEL, ANDREW MACDONALD 2,964,266
CARTER, PERRY K. 2,960,851
CARTER, STEPHEN ALAN 2,964,389
CARTER, STEPHEN ALAN 2,964,640
CARTER, STEPHEN ALAN 2,964,643
CASSEL, JOHN M. 2,961,408
CASTELLANO, RONALD K. 2,964,474
CASUCCI, MONICA 2,958,807
CATHAUD, EDDY 2,957,668
CAZAN, VLAD 2,964,413
CBMM-COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO 2,960,576
CBMM-COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO 2,960,711
CCL LABEL, INC. 2,964,492
CELGENE ALPINE INVESTMENT COMPANY II, LLC 2,964,673
CENTER LABORATORIES, INC. 2,964,177
CENTRE NATIONAL D'ETUDES SPATIALES 2,961,063
CENTRICA CONNECTED HOME LIMITED 2,960,917
CEREBROTECH MEDICAL SYSTEMS, INC. 2,960,085
CHAE, YU NA 2,959,714
CHAKRAVORTY, SOUMITESH 2,964,265
CHAND, UGESH 2,964,506
CHANDRA, RANVEER 2,959,719
CHANG, CHUNG 2,964,730
CHANG, HWAI WEN 2,964,263
CHAO, JESSICA JADE 2,960,384
CHARKOV, MAXIM 2,963,082
CHATTARAJ, SARNATH 2,963,512
CHATTERJEE, ANIRUDDHA 2,960,974
CHEBOTAREV, OLEG 2,964,422
CHEERSOUNDS MUSIC 2,964,489
CHEKAS, DARRICK 2,960,812
CHEN, CHENG 2,963,866
CHEN, CHING-YEH 2,964,642
CHEN, LONG 2,961,387
CHEN, ZHENG-YI 2,964,234
CHEONG, YE HWANG 2,959,714
CHERNEY, EMILY CHARLOTTE 2,964,290
CHERNEY, EMILY CHARLOTTE 2,964,297
CHEVRON U.S.A. INC. 2,960,159
CHIANG, AVERY W. 2,964,485
CHING, ADA S. 2,956,473
CHISHIRO, YUSUKE 2,964,333
CHIU, CECILIA 2,958,479

CHIVRAC, FREDERIC 2,960,744
CHOUDARY, NETTEM VENKATESWARLU 2,959,952
CHOUDARY, NETTEM VENKATESWARLU 2,959,955
CHOUFANI, SANAA 2,963,831
CHOUFANI, SANAA 2,964,417
CHRIST, ARMIN 2,960,327
CHRIST, ARMIN 2,960,329
CHUNG, THOMAS 2,964,113
CHUTE, JERRED A. 2,956,633
CJ HEALTHCARE CORPORATION 2,951,824
CLARIANT PLASTICS & COATINGS LTD 2,960,744
CLARK, CHRISTOPHER J. 2,964,513
CLAY, MATTHEW C. 2,964,386
CLEMENT, DAVID 2,964,124
CLIFTON LIFE SCIENCES LLC 2,959,670
CLOSSET, FRANCOIS 2,960,042
CLOUSER, CHRISTOPHER RYAN 2,961,210
CLUGSTON, JODY 2,964,416
COATES, DAVID ANDREW 2,957,043
COHEN, DAVID 2,959,702
COHEN, ERIC 2,962,650
COHEN, JEFF 2,958,271
COLD SPRING HARBOR LABORATORY 2,964,169
COLE, TYLER J. 2,964,626
COLSTON, MICHAEL 2,941,277
COMAU S.P.A. 2,961,008
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN 2,960,705
COMPAGNIE GERVAIS DANONE 2,960,744
CONEXTIONS, INC. 2,964,626
CONROTTO, PAOLO 2,961,323
CONSTELLIUM ISSOIRE 2,960,942
CONSTELLIUM ISSOIRE 2,960,947
CONVEYOR MANUFACTURERS AUSTRALIA PTY LTD 2,964,632
CONWAY, THOMAS 2,957,966
COOK, CYRIL JOHN 2,957,947
COOLCORE LLC 2,964,561
COOPER, PAUL ANDREW 2,964,238
COOTE, MATTHEW TIMOTHY 2,960,917
COPPOOLSE, ERIC ROLAND 2,960,041
CORACTIVE HIGH-TECH INC. 2,964,493
CORCEPT THERAPEUTICS, INC. 2,964,625
CORDIS CORPORATION 2,962,930
CORK, COLIN 2,960,707
CORMIER, MARIO 2,958,929
CORNWALL, MARK 2,960,977
CORRIN, EDWARD 2,964,076
CORUM, JAMES F. 2,960,017
CORUM, JAMES F. 2,960,021
CORUM, KENNETH L. 2,960,017
CORUM, KENNETH L. 2,960,021
CORUN, RONALD 2,964,507
COSTA, EVAN 2,962,935
COSTA, EVAN 2,963,998
COSTA, FRANCIS 2,961,125
COSTA, FRANCIS 2,961,268
COTE, PAUL F. 2,961,411
COVESTRO LLC 2,960,125
COYNE IP HOLDINGS, LLC 2,964,359
COYNE IP HOLDINGS, LLC 2,964,360
COYNE, KEVIN P. 2,964,359
COYNE, KEVIN P. 2,964,360
COYNE, SHAWN T. 2,964,359
COYNE, SHAWN T. 2,964,360
CPG TECHNOLOGIES, LLC 2,960,017
CPG TECHNOLOGIES, LLC 2,960,021
CRANE SECURITY TECHNOLOGIES, INC. 2,961,411
CURRY, DAVID A. 2,964,366
CURT G. JOA, INC. 2,964,591
CURTIN, KEVIN 2,960,812
CURTIS, DAMIAN 2,961,382
CURTIS, DAMIAN 2,961,386
CUTCLIFFE, COLLEEN 2,964,480
CZAPLIK, WALDEMAR 2,960,836
D-BOX TECHNOLOGIES INC. 2,964,130
DAEDONG ENG CO., LTD. 2,964,074
DAGA, ANDREW W. 2,964,326
DALMAY, PIERRE 2,963,187
DAMASCHKE, KELLY 2,961,205
DANA-FARBER CANCER INSTITUTE, INC. 2,964,153
DANA-FARBER CANCER INSTITUTE, INC. 2,964,161
DANA-FARBER CANCER INSTITUTE, INC. 2,964,363
DANA-FARBER CANCER INSTITUTE, INC. 2,964,629
DANG, KIEM H. 2,963,512
DANG, QUN 2,964,377
DANIEL, RONAN 2,961,276
DANIELS, ANDREW R. 2,960,789
DANSEREAU, RICHARD JOHN 2,959,184
DANSEREAU, RICHARD JOHN 2,959,186
DASGUPTA, ANINDYA 2,960,771
DATTA, PROBAL KANTI 2,964,198
DAVIES, PAUL HOWARD 2,961,140
DAVIS, ANTHONY R. 2,964,269
DAVIS, SIMON 2,959,941
DAWOUD SHENOUDA DAWOUD, PETER 2,959,809
DE MARS, SPENCER 2,963,082
DEBIAUNE, XAVIER 2,957,668
DECKER, ARNOLD 2,961,164
DECKER, ZACHARY 2,959,164
DECLERCQ, MARC JOHAN 2,961,403
DEGRYSE, RONALD E. 2,960,960
DELEX TEKNIK AB 2,964,194
DENG, GARY G. 2,955,634
DENIS, LEVIS 2,964,279
DENIS, MARC LEE 2,961,038
DENTSU INC. 2,964,333
DEPLA, ERIK 2,963,030
DEROCHE, JOEL 2,960,706
DESTEFANO, MARK 2,962,643
DEWA, YOSHIHARU 2,964,712
DEWA, YOSHIHARU 2,964,719
DEWALD, PAUL 2,960,800
DEWEY, RALPH 2,959,245
DEXCOM, INC. 2,962,650
DHAS, VIVEK V. 2,956,633
DIAS, TILAK 2,960,707
DIAZ, KRISTA MARIE 2,960,436
DIGIOVANNI, ANTHONY A. 2,960,640
DIMMER, STEVEN CHARLES 2,964,370
DING, MING 2,964,418
DING, XIAOYUN 2,964,138
DINSMORE, CHRISTOPHER 2,964,375
DIONO, LLC 2,964,124
DISKO, MARK M. 2,960,410
DJURETIC, IVANA 2,964,114
DNS NEUROSCIENCE 2,964,309
DOMINION ENERGY TECHNOLOGIES, INC. 2,964,365
DOMINION ENERGY TECHNOLOGIES, INC. 2,964,393
DOMVILLE-LEWIS, CHLOE 2,964,378
DONDERICI, BURKAY 2,964,236
DONG, YALONG 2,964,172
DONG-A ST CO., LTD. 2,959,714
DOUCHIN, VERONIQUE 2,960,693
DOUGLASS, BRADLEY J. 2,964,457
DOUMOTO, KAZUKI 2,964,196
DOW AGROSCIENCES LLC 2,964,135
DOW GLOBAL TECHNOLOGIES LLC 2,961,169
DOWNIE, ROBERT 2,964,181
DOYLE, DOMINIC ROBERT 2,961,039
DOYLE, DOMINIC ROBERT 2,961,040
DREWES, STEPHAN 2,960,443
DREWLO, SASCHA 2,963,968
DREXEL UNIVERSITY 2,960,841
DROZDOV, IGNAT 2,959,670
DUBOST, BRICE 2,957,845
DUCKETT, JEANNE F. 2,963,532
DUCKETT, JEANNE F. 2,963,883
DUCKETT, JEANNE F. 2,963,977
DUDEKULA, DASTAGIRI 2,957,947
DUGGAN, KAREN ANNETTE 2,964,410
DUHON, DAVID WALKER 2,962,793
DUKES, GARRY 2,960,838
DUNCAN, DARYL L. 2,960,026
DURO HEALTH, LLC 2,963,549
DURRANT, CAMERON 2,964,520
DWECK, JACK 2,958,271
DYEKJAER, JANE DANNOW 2,960,693
E. I. DU PONT DE NEMOURS AND COMPANY 2,956,473
E.I. DU PONT DE NEMOURS AND COMPANY 2,959,402
EARL, RONALD D. 2,960,701
EAST CAROLINA UNIVERSITY 2,963,866
EATON CORPORATION 2,959,590
EBERLE, ARMIN 2,960,480
EBNER, BERNHARD 2,960,064
ECA ROBOTICS 2,960,706
ECHOSTAR TECHNOLOGIES INTERNATIONAL CORPORATION 2,959,707
EDWARDS, JEFFREY DAVID 2,960,025

EGEA MAIQUEZ, JAVIER 2,964,309
EGILMEZ, NEJAT 2,957,966
EID, JOHN S. 2,964,480
EIGEN INNOVATIONS INC. 2,964,503
EISAI R&D MANAGEMENT CO., LTD. 2,964,504
EKORNES ASA 2,964,511
ELDRIDGE, DAVID A. 2,959,590
ELECTROLUX (HANGZHOU) HOME APPLIANCES CO., LTD. 2,964,172
ELI LILLY AND COMPANY 2,955,634
ELI LILLY AND COMPANY 2,956,514
ELI LILLY AND COMPANY 2,956,517
ELI LILLY AND COMPANY 2,957,043
ELI LILLY AND COMPANY 2,963,563
ELKU, JOSEPH 2,963,674
ELLIOTT, DECLAN 2,964,255
ELLIOTT, JAMES M. 2,960,698
ELZINGA, SYTZE 2,964,457
EMMERSON, GREGORY DANIEL 2,960,735
EMORY UNIVERSITY 2,964,351
EMPIRE TECHNOLOGY DEVELOPMENT LLC 2,964,370
EMTEE ASSOCIATES, L.P. 2,963,816
ERIKSEN, KARSTEN WESSEL 2,961,323
ESKUCHEN, RAINER 2,960,312
ESPER, CLAUDIA 2,960,541
EURO-COMPOSITES S.A. 2,960,779
EUROPHARMA AS 2,958,777
EVANS, ANDREW R. 2,963,883
EVANS, ANDREW R. 2,963,977
EVANS, JOHN G. 2,964,225
EVANS, STEPHEN C. 2,962,935
EVANS, STEPHEN C. 2,963,998
EVANS, ZACKERY K. 2,964,626
EVERETT, SCOTT 2,964,503
EVOLVA SA 2,960,693
EXPRO NORTH SEA LIMITED 2,964,266
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,959,426
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,960,410
F. HOFFMANN-LA ROCHE AG 2,952,541
F. HOFFMANN-LA ROCHE AG 2,963,325
F.HOFFMANN-LA ROCHE AG 2,961,433
FABER, NOLAN R. 2,964,101
FACCIOLI, GIOVANNI 2,958,736
FACEBOOK, INC. 2,964,440
FALK, DOUGLAS R. 2,964,543
FALK, STEVEN MITCHELL 2,960,842
FALLAH, JAY 2,964,418
FAN, CHUNFANG 2,964,623
FAN, YIJING 2,964,236
FAUSTMAN, DENISE L. 2,958,578
FAVIA, ADAM 2,961,205
FEKETE, DEREK SHANE 2,964,635
FERGUSON, RYAN 2,964,591
FERGUSON, THOMAS BRUCE, JR. 2,963,866
FERNANDEZ, FREDERICK TAYLOR 2,964,345
FEROS, NICHOLAS 2,964,412
FERREIRA, RENAN B. 2,964,474
FINCH, GLYN A., JR. 2,958,895
FINNERTY, CAINE 2,960,800
FISHER CONTROLS INTERNATIONAL LLC 2,960,851
FISHER, CHAD ADAM 2,964,204
FLEXUS BIOSCIENCES, INC. 2,964,276
FLEXUS BIOSCIENCES, INC. 2,964,290
FLEXUS BIOSCIENCES, INC. 2,964,297
FLORES, ALEJANDRO 2,960,640
FLORES, HEATHER L. 2,963,325
FLOTTE, TERENCE 2,964,272
FLOW-RITE CONTROLS, LTD. 2,960,701
FLURI, ROLF 2,960,533
FORBES, DEAN 2,964,201
FORESEE PHARMACEUTICALS CO., LTD. 2,964,475
FORRELLI, TARYN LOUISE 2,958,651
FORSBERG, ERIK 2,964,194
FRANCKI, ALEKSANDAR 2,964,114
FRANKENBACH, GAYLE MARIE 2,959,697
FRANZAROLI, MASSIMO 2,960,172
FRANZINI, JOHN R. 2,959,722
FRAUNHOFER, WOLFGANG 2,962,612
FREJAVILLE, ERIC 2,960,706
FREY, GERHARD 2,964,263
FREY, JEFFREY G. 2,963,566
FRIDMAN, DANIEL PALLOS 2,960,711
FRIEDRICH, KARLHEINZ 2,964,654
FRIPP, MICHAEL LINLEY 2,961,171
FRIPP, MICHAEL LINLEY 2,961,174
FROSIO, IURI 2,963,132
FU, JIAMIN 2,964,375
FUCHS, JASON 2,960,719
FUCHS, MITCHELL HARVEY 2,960,976
FULLER, PETER 2,964,375
FUNDACION PARA LA INVESTIGACION BIOMEDICA DEL HOSPITAL UNIVERSITARIO DE LA PRINCESA 2,964,309
FUNG, ALFRED 2,964,228
FURLONG, COSME 2,962,935
FURLONG, COSME 2,963,998
FURTADO, STACIA 2,957,966
GAGNE, PATRICK 2,964,416
GAHLEITNER, MARKUS 2,964,654
GAISSER, DAVID M. 2,964,454
GAJDA, WILLIAM 2,960,816
GALAZIN, GREGORY 2,960,326
GALGALI, GIRISH SURESH 2,961,125
GALGALI, GIRISH SURESH 2,961,268
GAMEIRO ROS, ISABEL 2,964,309
GANESAN, KAVITA A. 2,964,269
GANJI, SANTHI R. 2,964,113
GANNON, DWAYNE 2,964,740
GANNON, DWAYNE 2,964,747
GANOTRA, MANISH 2,964,543
GAO, CHRIS 2,964,730
GAO, GUANGPING 2,964,272
GAO, JIANHE 2,964,174
GARCIA FABREGA, RUBEN 2,961,039
GARCIA FABREGA, RUBEN 2,961,040
GARCIA GARCIA, ANTONIO 2,964,309
GARCIA LOPEZ, MANUELA 2,964,309
GARCIA MARCOS, ALEJANDRA 2,960,541
GATES CORPORATION 2,960,801
GATTIGLIO, MAURIZIO 2,961,008
GAUVRY, NOELLE 2,956,512
GE OIL & GAS ESP, INC. 2,963,637
GE OIL & GAS PRESSURE CONTROL LP 2,960,954
GEAN LIGHTING CO., LIMITED 2,964,495
GEERTS, SHAUN M. 2,964,386
GENENTECH, INC. 2,958,479
GENERAL ELECTRIC COMPANY 2,959,993
GENERAL ELECTRIC COMPANY 2,960,842
GENERALE BISCUIT 2,952,021
GENSCAPE INTANGIBLE HOLDING, INC. 2,960,719
GENSIOR, ALBRECHT 2,960,434
GENTEX CORPORATION 2,964,101
GEORG FISCHER WAVIN AG 2,960,762
GEORGIA TECH RESEARCH CORPORATION 2,960,159
GEORGIA TECH RESEARCH CORPORATION 2,961,007
GEORGIA-PACIFIC CORRUGATED LLC 2,961,042
GERSZBERG, IRWIN 2,960,976
GETZENBERG, ROBERT H. 2,964,371
GIBSON, KAREN A. 2,960,197
GILEAD SCIENCES, INC. 2,957,947
GILEAD SCIENCES, INC. 2,958,742
GILEAD SCIENCES, INC. 2,960,384
GILEAD SCIENCES, INC. 2,960,436
GILMER, JOHN 2,961,430
GILMORE, KEVIN J. 2,963,566
GIOVANNINI, DONALD 2,962,822
GIRI, AWADUT GAJENDRA 2,958,966
GOBBER, CEDRIC 2,961,039
GOBBER, CEDRIC 2,961,040
GODAVARTHY, SRINIVASA 2,964,407
GODDARD, EARL FENTON 2,964,253
GODEC, JERNEJ 2,964,363
GOLDBACH, PIERRE 2,963,325
GOLDENBERG, TOMER 2,964,485
GOLDFLESS, STEPHEN JACOB 2,961,210
GOLDMAN, JONATHAN R. 2,964,749
GONCALVES, HELDER DA COSTA 2,964,449
GONG, JIANMIN 2,964,174
GOODRICH ACTUATION SYSTEMS SAS 2,960,572
GOORDYAL, BABOO DUSHYANTSINGH 2,963,325
GORDIN, AVNER 2,958,271
GOTTSCHALK, JEAN 2,964,189
GOUZERH, JEAN MARC 2,961,276
GOWER COLLEGE SWANSEA 2,961,140

GRACO FLUID HANDLING (B) INC. 2,960,403
GRACO FLUID HANDLING (B) INC. 2,960,406
GRAFF PEHRSON VESTERAGER GMBH 2,960,798
GRAFODATSKAYA, DARIA 2,963,831
GRAFODATSKAYA, DARIA 2,964,417
GRANDAL, MICHAEL MONRAD 2,961,323
GRANDILLO, ROBERTO 2,958,929
GRASS VALLEY USA, LLC 2,958,929
GRAVE, EDWARD J. 2,959,426
GREAGER, IVAN PHILIP 2,961,390
GREENBANK, JONATHAN MARK 2,963,997
GREER, JODY MILTON 2,964,466
GRENIER, ADRIEN 2,960,974
GRIEMAN, JONATHAN E.B. 2,964,485
GRIMM, JAN 2,964,274
GRIPPLE LIMITED 2,959,941
GROESELING, MIRCO 2,960,744
GROMADA, JESPER 2,960,763
GROSS, MICHEL F. 2,961,042
GRUBER, RUDOLF 2,960,789
GTX, INC. 2,964,371
GU, ZHIGANG 2,964,172
GUALTIERI, MAXIME 2,961,297
GUARINO, ANDREW J. 2,964,475
GUENTER, BRIAN K. 2,959,749
GUERIN, DAVID 2,964,375
GUI GLOBAL PRODUCTS, LTD. 2,963,084
GUILLEMONT, MAXENCE 2,962,869
GULATI, POONAM S. 2,963,512
GUNZBURG, ROBERT 2,963,703
GUO, WEIWEI 2,964,276
GUO, WEIWEI 2,964,297
GUPTA, ALOK 2,961,443
GUPTA, RAJESH 2,964,283
GUPTA, SATYARANJAN 2,960,771
GUPTA, SHIKHAR 2,958,428
GURER, CAGAN 2,959,428
GUTOWSKI, KEITH E. 2,960,541
GUYARD, AURELIEN 2,961,143
HAINING, WILLIAM N. 2,964,363
HAKOZAKI, TOMOHIRO 2,958,428
HALCOMB, RANDALL L. 2,958,742
HALCOMB, RANDALL L. 2,960,384
HALLIBURTON ENERGY SERVICES, INC. 2,961,171
HALLIBURTON ENERGY SERVICES, INC. 2,961,174
HALLIBURTON ENERGY SERVICES, INC. 2,964,076
HALLIBURTON ENERGY SERVICES, INC. 2,964,204
HALLIBURTON ENERGY SERVICES, INC. 2,964,218
HALLIBURTON ENERGY SERVICES, INC. 2,964,222
HALLIBURTON ENERGY SERVICES, INC. 2,964,225
HALLIBURTON ENERGY SERVICES, INC. 2,964,228
HALLIBURTON ENERGY SERVICES, INC. 2,964,236
HALLIBURTON ENERGY SERVICES, INC. 2,964,238
HALLIBURTON ENERGY SERVICES, INC. 2,964,250
HALLIBURTON ENERGY SERVICES, INC. 2,964,730
HALLIBURTON ENERGY SERVICES, INC. 2,964,748
HALLWYL, SWEE CHUANG LIM 2,960,693
HALOZYME, INC. 2,964,317
HAMADA, KOICHI 2,964,622
HAMMERQUIST, PETER 2,959,718
HAMPAPURAM, HARI 2,962,650
HANSELL, JERRITT HAROLD 2,964,365
HANSELL, JERRITT HAROLD 2,964,393
HANSEN, ESBEN HALKJAER 2,960,693
HANSEN, NATHAN T. 2,964,116
HANSEN, VIGGO 2,964,109
HANSON, IAN 2,962,643
HANUSCHAK, RYAN D. 2,960,726
HARADA, MASANORI 2,964,726
HARDING, ANDREW 2,960,190
HARESTAD, KRISTIAN 2,961,304
HARLESS, MICHAEL 2,964,620
HARSHMAN, EDWARD SCOTT 2,964,370
HART, MATTHEW N. 2,964,628
HARTING ELECTRIC GMBH & CO. KG 2,960,895
HARTING ELECTRIC GMBH & CO. KG 2,960,896
HARTMAN, JAMES 2,960,729
HARTOULAROS, GEORGE 2,964,392
HASBRO, INC. 2,960,816
HASEGAWA, TATSUYA 2,964,713
HATFIELD, ALAN DUANE 2,964,133
HATTORI, HIDETAKA 2,964,202
HAUF, REINHARD 2,960,799
HAVER & BOECKER OHG 2,960,546
HAVER & BOECKER OHG 2,960,560
HAWKER, DUSTIN 2,960,541
HAY, RICHARD T. 2,964,225
HAYASHI, NORIYA 2,964,202
HAZLEWOOD, JOHNATHAN SCOTT 2,964,623
HE, FAN 2,961,076
HEATHORN, TREVOR 2,963,285
HEDRICK, MICHAEL 2,964,113
HEIMANN, MEGAN 2,964,392
HEIMANN, THOMAS 2,960,895
HELLSTROM, STEFAN 2,961,125
HELLSTROM, STEFAN 2,961,268
HEMPSHALL, JOHN 2,960,747
HENKEL IP & HOLDING GMBH 2,964,572
HERNANDEZ, WILHELM RAMON 2,959,993
HERNANDEZ-ROSAS, JOSE HECTOR 2,962,650
HERR, ANNA Y. 2,960,374
HERR, QUENTIN P. 2,960,374
HERREMA, MARK W. 2,960,701
HESSELBERG, JEFFREY 2,964,371
HEUBECK, ALEXANDER 2,959,164
HEULENS, JEROEN 2,961,130
HEYDEN, THOMAS J. 2,964,513
HIGGINS, ANDREW J. 2,964,109
HILTI AKTIENGESELLSCHAFT 2,961,286
HINDUSTAN PETROLEUM CORPORATION LTD. 2,959,952
HINDUSTAN PETROLEUM CORPORATION LTD. 2,959,955
HIRAKAWA, DAIGO 2,964,713
HIROTA, SHUSAKU 2,964,333
HIRSCH, KAI 2,964,732
HIRSCHEY, JOHN A. 2,961,408
HIRT, MARK 2,960,443
HIRTSIEFER, ARTUR 2,961,114
HITACHI ZOSEN INOVA AG 2,961,423
HOBART BROTHERS COMPANY 2,960,026
HOEFTE, PAULUS ANTONIUS AUGUSTINUS 2,961,040
HOEFTE, PAULUS, ANTONIUS AUGUSTINUS 2,961,039
HOLLINGSHEAD, JUDITH ANN 2,959,555
HOLLINGSHEAD, JUDITH ANN 2,959,697
HOLOGIC, INC. 2,964,477
HOMMA, IKUE 2,964,727
HONDA MOTOR CO., LTD. 2,964,720
HONG, SUNG 2,962,793
HOPPE, RON 2,964,620
HORENZIAK, STEVEN ANTHONY 2,959,697
HORILL, THOMAS 2,964,654
HORVITZ, ERIC 2,959,719
HOUGHTON-LARSEN, JENS 2,960,693
HOWARD, PHILIP J. 2,964,135
HOYA LENS THAILAND LTD. 2,964,444
HRVATIN, PAUL 2,960,384
HSU, JUI-PAO 2,964,177
HU, FENGSHUO 2,960,841
HU, HENG 2,964,415
HU, VICTORIA 2,959,578
HU, XU 2,959,402
HU, YUNFENG ERIC 2,958,742
HUANG, AUDRIS 2,964,290
HUANG, AUDRIS 2,964,297
HUANG, DANWEN 2,955,634
HUANG, HAN 2,964,324
HUANG, PING 2,956,517
HUANG, YU-WEN 2,964,642
HUAWEI DEVICE CO., LTD. 2,964,170
HUAWEI TECHNOLOGIES CO., LTD. 2,964,174
HUBER, DOMINIK 2,964,038
HUBER, MARTIN 2,963,030
HULSMANN, RENE 2,959,102
HULTMAN, JOHN 2,963,936

HUMPHREYS, LEONARD JAMES 2,964,181
HUMPHREYS, LEONARD JAMES 2,964,210
HUNNEKUHL, JORG 2,960,762
HUNT ENERGY ENTERPRISES, L.L.C. 2,956,633
HUNT, HAZEL 2,964,625
HUNTSMAN PETROCHEMICAL LLC 2,964,407
HURLEY, WILLIAM 2,960,707
HUTTENES-ALBERTUS CHEMISCHE WERKE GESELLSCHAFT MIT BESCHRANKTER HAFTUNG 2,960,695
HYPREVENTION 2,963,703
IBRAHIM, MAHMOUD 2,960,614
ICB PHARMA 2,964,108
IDERA PHARMACEUTICALS, INC. 2,964,155
IEZZI, ERICK B. 2,960,413
IFAST NV 2,960,820
IFRACH, BAR 2,963,082
IGARASHI, GO 2,964,710
IGARASHI, TATSUYA 2,964,712
IGARASHI, TATSUYA 2,964,714
IGARASHI, TATSUYA 2,964,719
IGARASHI, TATSUYA 2,964,721
IGENOMX INTERNATIONAL GENOMICS CORPORATION 2,960,821
IKE MICHIHIKO 2,964,200
ILLINOIS TOOL WORKS INC. 2,961,038
ILLINOIS TOOL WORKS INC. 2,961,093
ILLINOIS TOOL WORKS INC. 2,961,255
ILLINOIS TOOL WORKS INC. 2,961,260
IMAGOTAG GMBH 2,958,498
INDUSTRILAS I NASSJO AKTIEBOLAG 2,960,634
INGALLS, DUSTIN MICHAEL 2,959,809
INGRAIN, INC. 2,958,760
INOUE DAISUKE 2,964,200
INSTITUT DES SCIENCES ET INDUSTRIES DU VIVANT ET DE L'ENVIRONNEMENT 2,952,021
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,952,021
INSTITUT PASTEUR 2,958,953
INSTITUTO HOLOGRAFICO TERRASUN, S.L. 2,961,287
INTEGRAGEN 2,961,434
INTERSCOPE, INC. 2,962,935
INTERSCOPE, INC. 2,963,998
INTUIT INC. 2,964,749
INVITAE CORPORATION 2,963,868
IRVINE, DARRELL 2,964,392
IRWIN, MICHAEL D. 2,956,633
ISHII, YOICHI 2,964,316
ISKENDERIAN, ANDREA 2,964,132
ISLAM, MUHAMMAD KHALEDUL 2,964,419
ISOM, ROBERT S. 2,960,698
ITAGAKI, TAKESHI 2,964,707
ITO, YASUNORI 2,964,622
ITOU, HARUMOTO 2,964,196
ITRON, INC. 2,960,977
IVERSON, BRENT 2,964,467
IVES, JAMES T. 2,960,864
IWASAKI, EISAKU 2,964,444
IZAWA, SHINGO 2,964,205
JACOBS, KENNETH MICHAEL 2,963,866
JACOBS, KEVIN 2,963,868
JACOBSEN, HELLE JANE 2,961,323
JAEN, JUAN CARLOS 2,964,276
JAEN, JUAN CARLOS 2,964,290
JAEN, JUAN CARLOS 2,964,297
JAHN, STEPHEN 2,964,474
JAIN, JAYESH R. 2,964,366
JAMIESON, ANGUS 2,964,682
JANKOVIC, VLADIMIR 2,964,114
JANSEN, ROGER 2,960,326
JANUSSON, ULRIK 2,963,589
JBL HOLDINGS, II, INC. 2,964,518
JEANFILS, JULIEN 2,960,042
JENSEN, KLAVS F. 2,964,138
JENSEN, KLAVS F. 2,964,392
JEREZ, HERNANDO Q. 2,964,225
JESUDASON, CYNTHIA DARSHINI 2,955,634
JHUNJHUNWALA, SIDDHARTH 2,964,392
JI, SEUNG HEE 2,951,824
JIANG, GUANG-LIANG 2,960,960
JIANG, HAI 2,961,076
JIANG, WAYNE 2,964,155
JIANG, YING CONG 2,964,251
JOHNSON, RICHARD 2,964,110
JOHNSTON, JAY 2,960,125
JOHNSTON, MARY ANN 2,964,371
JONELY, MICHAEL B. 2,959,157
JONES, MARCUS 2,964,122
JONES, RICHARD 2,964,503
JOSHI, ROHIT V. 2,964,740
JOSHI, ROHIT V. 2,964,747
JT INTERNATIONAL SA 2,961,106
JUN, HYUNG JIN 2,951,824
JUNG, IL HOON 2,959,714
JUNG, WON-HYUK 2,951,824
JUSTINIANO FUENMAYOR, IRENE 2,964,179
KAANTA, JASON M. 2,964,384
KACZMAREK, MICHAL 2,961,124
KADIRIC, ALEN 2,961,143
KAELIN, WILLIAM 2,964,153
KAELIN, WILLIAM 2,964,161
KAITTANIS, CHARALAMBOS 2,964,274
KALKUNTE, VENKAT 2,959,968
KAMAT, RAJEEV G. 2,961,443
KAMBE, YASUAKI 2,964,713
KANG, DAEHOON 2,961,443
KANG, SO MI 2,959,714
KANNAN, GUNASEKARAN 2,960,756
KAPOOR, ASHISH 2,959,719
KAPSCH TRAFFICCOM AG 2,963,589
KARASIEWICZ-MENDEZ, KATHY E. 2,964,114
KARPENKO, IGOR 2,963,867
KASAINI, HENRY 2,964,306
KASEMODEL, JUSTIN 2,960,698
KATANO, CHIKARA 2,964,704
KATO, DARRYL 2,958,742
KATO, SHINTARO 2,961,340
KATTAR, SAM 2,964,375
KAUP, BURKHARD 2,961,428
KCI LICENSING, INC. 2,963,304
KELCH, STEFFEN 2,960,923
KELCH, STEFFEN 2,964,038
KELLY, PATRICK W. 2,962,811
KELSON, MALAENA 2,964,479
KEMENY, STEVEN F. 2,964,628
KENDZIOREK, AARON 2,964,457
KEY SAFETY SYSTEMS, INC. 2,960,607
KHAMIS, MAAN 2,964,481
KHERADPIR, LEILA 2,964,488
KHERADPIR, LEILA 2,964,491
KHERADPIR, LEILA 2,964,512
KIDD, MARK 2,959,670
KIEWITZ, CHRYSANTHUS 2,961,428
KIKKAWA, NORIFUMI 2,964,712
KIKKAWA, NORIFUMI 2,964,719
KIL, JONATHAN 2,961,380
KILPER, DANIEL 2,964,464
KIM, DANNY J. 2,961,007
KIM, DONG HYUN 2,951,824
KIM, DONG KYU 2,951,824
KIM, MI KYUNG 2,959,714
KIM, SEUNG IN 2,951,824
KIM, SUNGHAN 2,963,866
KIM, TAE HYOUNG 2,959,714
KIM, YOO JOONG 2,960,436
KIM, YOON JUNG 2,959,714
KIMREY, HAROLD DAIL, JR. 2,964,468
KIRK-KOFFI, SAMSON GRANT 2,964,418
KIRKHOPE, KENNEDY J. 2,964,748
KISCHKEWITZ, JURGEN 2,960,836
KISLEVITZ, ADAM 2,961,198
KITAZATO, NAOHISA 2,964,721
KLEMARCZYK, PHILIP T. 2,964,572
KLEMMER, RICARDA 2,961,428
KLIPSTEIN, MATTHEW 2,964,263
KLITGAARD, MICHAEL 2,960,745
KLOKK, JAN KATO 2,964,511
KLUK, URIEL 2,964,135
KNAPMEYER, JAMES T. 2,960,974
KNOWLEN, CARL 2,964,109
KNOWROAMING LTD. 2,964,189
KO, DONG HYUN 2,951,824
KOBAYASHI, SEIJI 2,964,202
KOCH, HOLGER 2,964,633
KOEFOED, KLAUS 2,961,323
KOENITZ, CHRIS 2,964,336
KOFEL, BEAT 2,964,289
KOHL, MANUEL 2,961,428
KOHLE, HANS-JURGEN 2,961,403
KOIZUMI, YOSHIAKI 2,964,571
KOLB, TOBIAS 2,963,030
KONG, NORMAN 2,964,375

KONTAREV, ALEXANDR 2,961,106
KONVICKA, KAREL 2,963,868
KOON, MARIA 2,958,895
KOPPERT, ARIE LEENDERT 2,961,457
KOROS, WILLIAM J. 2,961,007
KOROS, WILLIAM JOHN 2,960,159
KOSTIC, MARKO N. 2,963,997
KOZAK, ALP 2,964,228
KOZYUK, OLEG 2,961,291
KRAFT FOODS GROUP BRANDS LLC 2,961,408
KRAGH, MICHAEL 2,961,323
KRIEGEL, ROBERT 2,961,007
KRINITCHKO, BOGDAN 2,960,907
KRISHNAMURTHY, PUSHKALA 2,964,251
KRISHNAMURTHY, RAJIV JAYANTH 2,964,440
KUBIAK, ERIK N. 2,964,626
KULKARNI, SANTOSH S. 2,958,966
KURODA MASASHI 2,964,200
KUSUBA, ICHIRO 2,964,195
KUTLUBAY, GALEN 2,954,097
KUWAYAMA TAKUYA 2,964,729
LA JOLLA INSTITUTE OF ALLERGY & IMMUNOLOGY 2,964,113
LAASER, WILLIAM T. 2,964,749
LABELLE, MARC 2,957,947
LADE, JAN 2,964,511
LAFAYE, PIERRE 2,958,953
LAFFERTY, ROBERT JAMES 2,964,133
LAFON, MONIQUE 2,958,953
LAHUERTA SALAS, OLGA 2,961,039
LAHUERTA SALAS, OLGA 2,961,040
LAM, LYDIA 2,964,543
LAMBEY, MARIO 2,960,869
LANDIS+GYR INNOVATIONS, INC. 2,960,729
LANGER, ROBERT S. 2,964,138
LANGER, ROBERT S. 2,964,392
LANGLEY, JOSEPH BRETT 2,964,518
LANXESS DEUTSCHLAND GMBH 2,960,836
LARVENZ, SHAWN 2,962,650
LASH WRAP LLC 2,964,479
LASTAR, INC. 2,960,838
LAU, WILLIAM 2,964,488
LAU, WILLIAM 2,964,491
LAU, WILLIAM 2,964,512
LAUDATO, FRANK D. 2,960,812
LAUFER, RADOSLAW 2,964,282
LAUGHLIN, LEO TIMOTHY, II 2,958,428
LAUGHTON, ASA JAY 2,960,977
LAULICHT, BRYAN 2,959,742
LAULUND, JENS VALENTIN 2,963,298
LAURENCE, LAWTON 2,962,643
LAURENT, BERNARD 2,954,097
LAURUSONIS, LINAS P. 2,962,612
LAW, BRIAN KEITH 2,964,474
LAW, ERIC 2,964,114
LE, JAMES 2,963,637
LEA, GRAHAM 2,961,390
LEAKER, BRIAN 2,959,579
LEDGERWOOD, LEROY W. 2,960,640
LEDWIDGE, MARK 2,961,430
LEE, HYO JU 2,959,714
LEE, JAE YOUNG 2,959,714
LEE, KEUN HO 2,951,824
LEE, MENG-JU 2,964,177
LEGAN, JAMES DAVID 2,961,408
LEGO A/S 2,963,298
LEI, HONGBING 2,964,174
LENOBLE, DAMIEN 2,958,957
LENZEN, FRANK 2,960,695
LEON MARTINEZ, RAFAEL 2,964,309
LESKINEN, PAULI 2,964,654
LEVINSON, MITCHELL ELLIOTT 2,960,085
LEVIT, REBECCA 2,964,351
LEVY, DAN 2,964,169
LEWIS, DAVID C. 2,964,407
LEWIS, RAMSEY S. 2,959,245
LEXISNEXIS, A DIVISION OF REED ELSEVIER INC. 2,964,481
LEXISNEXIS, A DIVISION OF REED ELSEVLER INC. 2,964,391
LI, NANWEN 2,960,159
LI, SZE-WAN 2,964,282
LI, YANRAN 2,964,634
LI, YUHUA 2,964,475
LIANG, CHUNGEN 2,952,541
LIANG, WEI-CHING 2,958,479
LICELLA PTY LTD 2,964,181
LICELLA PTY LTD 2,964,210
LILLY, JAMES D. 2,960,021
LIN, AVI 2,964,250
LIN, CHIA YI 2,962,822
LIN, DAVID YUH-SHYANG 2,964,513
LIN, IVY 2,963,325
LINDER, RICHARD J. 2,964,626
LING, XIANWU 2,964,222
LINK, JOHN O. 2,958,742
LIQUID FERTILISER PTY LTD 2,964,506
LISI AEROSPACE 2,960,898
LISZKA, DAWID 2,964,108
LIU, DAVID 2,964,234
LIU, GONGPING 2,960,159
LIU, GUOJUN 2,964,415
LIU, JIE 2,959,719
LIU, KEMING 2,960,801
LIU, LING 2,960,756
LIU, QI 2,958,742
LIU, SHAN 2,964,642
LIU, SOPHIA 2,964,392
LIU, YUMEI 2,964,375
LJUBIJANKIC, ZLATAN 2,960,197
LM WP PATENT HOLDING A/S 2,960,745
LOEB, PASCAL 2,960,533
LOHR ELECTROMECANIQUE 2,960,365
LONG, BRUCE RICHARD 2,964,326
LOPEZ VIVO, ALICIA 2,964,309
LOPEZ, MIGUEL ANGEL 2,964,286
LORD, RICHARD L. 2,964,384
LORSTAD, DANIEL 2,962,813
LOSADA, PABLO GARCIA 2,957,043
LOTTE CO., LTD. 2,964,333
LOUVEL, CHRISTIAN 2,961,276
LU, GANG 2,964,153
LU, GANG 2,964,161
LU, JIANLI 2,959,245
LUBY, ZEUS CORY 2,964,335
LUCAS, BRYAN CHAPMAN 2,964,204
LUCK, STANLEY 2,956,473
LUCKABAUGH, JOY 2,964,481
LUI, DOROTHY 2,964,494
LUPIEN, BENOIT 2,964,130
LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST) 2,958,957
LUXFER CANADA LIMITED 2,964,389
LUXFER CANADA LTD 2,964,640
LUXFER CANADA LTD 2,964,643
LYNGOY, ARTHUR 2,958,777
LYRICAL LABS VIDEO COMPRESSION TECHNOLOGY, LLC 2,963,132
MACDONALD, LYNN 2,959,428
MADHAV, PRAKASH J. 2,959,555
MAGNANO, NUNZIO 2,961,008
MAIER, STEFFEN 2,964,038
MAKARCZYK, PIOTR 2,956,306
MAKLEY, JAMES A. 2,963,883
MAKLEY, JAMES A. 2,963,977
MANDAL, MIHIR 2,964,377
MANSILLA, CLAUDIO RETAMAL 2,958,777
MAO, SHIRLEY 2,964,392
MARAFFIO, ENRICO 2,960,480
MARCOUX, MICHAEL W. 2,962,935
MARCOUX, MICHAEL W. 2,963,998
MARCUSEN, DAVID PAUL 2,961,255
MAREK, PETER 2,964,467
MARKWALDER, JAY A. 2,964,290
MARKWALDER, JAY A. 2,964,297
MARLATT, SHAUN P. 2,964,485
MARTEN, BARBARA H. 2,960,197
MARTIN, DAVID P. 2,960,395
MARTINO, JERRY A. 2,964,255
MARUYAMA NAOKI 2,964,729
MARUYAMA, YUJI 2,964,202
MASCARO, MASSIMO 2,964,749
MASON, JACQUELINE M. 2,964,282
MASSACHUSETTS EYE AND EAR INFIRMARY 2,964,234
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,964,138
MASSACHUSSETTS INSTITUTE OF TECHNOLOGY 2,964,392
MASSICOT, BLAISE 2,961,428
MASTER LOCK COMPANY LLC 2,959,157
MATHERN, PETER D. 2,958,895
MATHIOWITZ, EDITH 2,957,966
MATHUR, DEVESH 2,961,443
MATTHEWS, NICHOLAS 2,960,747
MATUS, ANDREW B 2,960,197
MAYFIELD, WALTER G. 2,963,084
MAYMON, YUVAL 2,958,271
MCCARY, BRIAN D. 2,964,339
MCCREADIE, TOM 2,964,451

MCFADDEN, RYAN 2,960,384
MCGARVEY, KEVIN P. 2,964,513
MCILDOWIE, MATTHEW JAMES 2,960,025
MCINTYRE, JOHN 2,960,403
MCINTYRE, JOHN 2,960,406
MCMULLEN, GARY E. 2,963,532
MCWHIRTER, JOHN 2,959,428
MEDCOMB HOLDINGS APS 2,960,901
MEDIATEK INC. 2,964,642
MEDIATEK SINGAPORE PTE. LTD. 2,964,324
MEDINA, RAPHAEL 2,960,572
MEDIPATH, INC. 2,964,237
MEDITECH ENDOSCOPY LTD 2,964,687
MEDTRONIC MINIMED, INC. 2,963,512
MEIJER, ONNO C. 2,964,625
MELET, ROLLAND 2,960,939
MEMORIAL SLOAN KETTERING CANCER CENTER 2,964,274
MENARD, JEFF-FRANCOIS 2,964,130
MENG, DONGFANG 2,964,377
MENON, KRISHNAN 2,962,793
MENSINGER, MICHAEL ROBERT 2,962,650
MERCK PATENT GMBH 2,961,421
MERCK SHARP & DOHME CORP. 2,964,375
MERCK SHARP & DOHME CORP. 2,964,377
MERTENS, PASCAL 2,960,820
MICHAEL, LACHLAN BRUCE 2,964,728
MICHALSKA, PATRYCJA 2,964,309
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,960,705
MICHON, CAMILLE 2,952,021
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,702
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,718
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,719
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,749
MICROSOFT TECHNOLOGY LICENSING, LLC 2,959,809
MICROSOFT TECHNOLOGY LICENSING, LLC 2,962,793
MIDDLETON, RICHARD 2,964,161
MIDDLETOWN, RICHARD 2,964,153
MIKKELSEN, MICHAEL DALGAARD 2,960,693
MIKKILINENI, DHARMIK S. 2,961,007
MILES, SCOTT D. 2,964,626
MILLER, REBECCA L. 2,960,541
MILLER, STEPHEN JOSEPH 2,960,159
MIMOUN, EMMANUEL 2,957,845
MIN, EILEEN JIWON 2,960,374
MINOMIC INTERNATIONAL LTD. 2,964,179
MINTY, STEPHEN GEORGE 2,964,266
MINZONI, MIRKO 2,961,143
MIRZAAGHAEIAN, AMIN H. 2,964,110
MISSLING, CHRISTOPHER U. 2,964,520
MITSUBISHI ELECTRIC CORPORATION 2,964,209
MITSUBISHI ELECTRIC CORPORATION 2,964,571
MITSUBISHI GAS CHEMICAL COMPANY, INC. 2,964,713
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,964,202
MITSUZUKA, HIDETOSHI 2,964,703
MIYAZAKI YASUNOBU 2,964,729
MIZUKAMI, MOE 2,964,727
MODLIN, IRVIN MARK 2,959,670
MOFFITT, RONALD D. 2,961,007
MOLINARI, DANIELLE 2,964,375
MOLINE, MARGARET 2,964,504
MOLMED SPA 2,958,807
MOMENTUM DYNAMICS CORPORATION 2,964,326
MONTELEONE, GIOVANNI 2,964,673
MOOG UNNA GMBH 2,960,737
MOORE, BETHANY 2,959,164
MOORE, JAMES WILSON 2,964,218
MORASSE, BERTRAND 2,964,493
MORROW, MARK S. 2,963,532
MORROW, TIMOTHY I. 2,960,410
MORSCHAUSER, ANDREW 2,964,114
MOSAIC TECHNOLOGY DEVELOPMENT PTY LTD 2,964,635
MOSES, ARIKHA 2,960,395
MOULON, THOMAS 2,960,572
MUBARAK, CHRISTOPHER 2,961,007
MUELHEIMS, KERSTIN 2,956,306
MUELLER, MAXIMILIAN A. 2,959,590
MUHS, THOMAS 2,964,591
MULLER, BEN 2,959,966
MULLER, ROBERT 2,963,325
MULLINGER, BERNHARD 2,963,030
MULLIS, JOE 2,964,476
MULTI-CHEM GROUP, LLC 2,964,251
MULTI-CHEM GROUP, LLC 2,964,620
MULTI-CHEM GROUP, LLC 2,964,623
MULTIMATIC PATENTCO, LLC 2,960,789
MUNZENBERGER, HERBERT 2,961,286
MURAKAMI, RYOSUKE 2,964,205
MURALIDHARAN, BHARATHKRISHNAN 2,960,614
MURPHY, ANDREW J. 2,959,428
MURPHY, CHARLES E. 2,964,110
MURPHY, ROBERT CORNELIUS 2,962,822
MURPHY, SHAUN P. 2,964,110
MYERS, JACOB AARON 2,964,391
MYSLINSKI, NICHOLAS R. 2,964,628
N&M SURGICAL ADVANCEMENTS, LLC 2,964,102
NABAVI, NIMA 2,964,641
NABECK, SVEN 2,960,799
NAGAMANY, BALATHAS 2,960,789
NAGATA, TETSUZO 2,964,213
NAGENO, KOJI 2,964,710
NAITO YASUAKI 2,964,729
NAKAJIMA, TSURAKI 2,964,196
NAKANO, SEIJI 2,964,209
NAKATANI, YUTAKA 2,964,213
NAKAZAWA, YOSHIAKI 2,964,622
NARAYANAN, RAMESH 2,964,371
NASS, ANDREAS 2,960,895
NASS, ANDREAS 2,960,896
NATIONAL STUDENT CLEARINGHOUSE 2,964,543
NAVARRO GONZALEZ DE MESA, ELISA 2,964,309
NAVARRO PEREZ, FRANCISCO EZEQUIEL 2,959,279
NAZZER, CRAIG 2,959,308
NELSON, BRIAN 2,964,591
NELSON, RICHARD 2,964,193
NEMOTO, TAKAYUKI 2,964,316
NEOLOGY, INC. 2,964,476
NEOSTYLE B CO., LTD. 2,964,726
NESTEC S.A. 2,964,193
NETWORK RAIL INFRASTRUCTURE LIMITED 2,960,747
NEUHARD, LANCE D. 2,963,883
NEUHARD, LANCE D. 2,963,977
NEUROREPAIR, INC. 2,964,263
NEW CHAPTER INC. 2,958,651
NEW YORK AIR BRAKE LLC 2,961,342
NEWLEAF SYMBIOTICS, INC. 2,964,122
NG, GRACE 2,964,282
NGUYEN, DENNIS P. 2,964,338
NIAZY, JEFFREY W. 2,963,668
NIELSEN, JOAKIM KORNER 2,963,298
NIKE INNOVATE C.V. 2,961,475
NIKE INNOVATE C.V. 2,961,476
NIKLASON, LOREN 2,964,477
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,964,622
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,964,729
NISHIGUCHI, SATOSHI 2,964,205
NISHIMOTO, KEIJI 2,964,444
NISTA, JIM 2,964,355
NIU, XIPING 2,959,402
NOAKES, AARON 2,963,637
NOCON, ALINE 2,964,179
NOGRA PHARMA LIMITED 2,964,673
NOGUCHI, YUICHI 2,964,727
NOLTE, ERIK SEAN 2,960,184
NORDLY, JIM ROGER 2,958,777
NORGREN, INC. 2,960,812
NORTH CAROLINA STATE UNIVERSITY 2,959,245
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,960,374
NORTON, ANGELA 2,964,132
NOSOPHARM 2,961,297
NOSSAL, MICHAEL A. 2,964,269
NOTTINGHAM TRENT UNIVERSITY 2,960,707
NOUAILLE, REGIS 2,955,767
NOVABONE PRODUCTS, LLC 2,964,454
NOVAK, ANTHONY 2,964,102
NOVARTIS TIERGESUNDHEIT AG 2,956,512

NOVELIS INC. 2,961,443
NOWAK, BENJAMIN 2,964,509
NUOVO PIGNONE SRL 2,959,984
NYALAMADUGU, SHESHI 2,964,476
O'FLYNN, PAT 2,961,430
ODERKERK, JEROEN 2,961,125
ODERKERK, JEROEN 2,961,268
ODINGO, JOSHUA O. 2,955,634
OFVERSTEDT, TOMAS 2,962,813
OGAWA, NAOMI 2,964,444
OGO, YOICHI 2,964,444
OJI HOLDINGS CORPORATION 2,964,727
OKAMOTO, HARUKA 2,960,763
OKAMOTO, TAKESHI 2,964,316
OKESLI, AYSE 2,961,285
OKUDA, SUSUMU 2,964,195
OLDENBURG, PAUL D. 2,959,426
OLDS, JOHN TIMOTHY 2,960,184
OLDS, JOHN TIMOTHY 2,960,190
OLIVEIRA, JOSE CARLOS 2,960,707
OLSEN, DAVID B. 2,964,377
OLSON, NATHANIEL S. 2,964,355
OLSON, SUSAN 2,960,719
OMEGA FLEX, INC. 2,964,376
ONEAL, MEGHAN 2,959,402
ONG, ANDREW H. 2,964,505
ONO, AKIO 2,964,589
ORBETA, FERDINAND E. 2,964,372
ORR, JILL M. 2,960,974
OSAKA UNIVERSITY 2,964,200
OSBORNE, ROSEMARIE 2,960,025
OSGOOD, GENE 2,964,391
OSIPOV, MAKSIM 2,964,276
OSIPOV, MAKSIM 2,964,290
OSIPOV, MAKSIM 2,964,297
OSTERMEYER, JOHN 2,961,130
OVERLAND STORAGE, INC. 2,963,285
OWEN OIL TOOLS LP 2,964,386
OZAKI, TAKURI 2,964,727
PACKERS PLUS ENERGY SERVICES INC. 2,964,208
PAINTER, RONALD E. 2,964,377
PALISSOT, VALERIE 2,958,957
PALMER, ROBERT WAYNE 2,964,466
PALMESE, GIUSEPPE R. 2,960,841
PAMA, THANDISIZWE EZWENILETHU 2,964,690
PAN, CLARK 2,964,132
PAN, SONG 2,952,541
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,964,196
PANDUIT CORP. 2,960,614
PAREDES, JENNIFER 2,964,114
PARK, JEONG YEL 2,964,074
PARKER, DANN 2,964,377
PARKER, DAVID VICKERY 2,959,993
PARUCHURI, DIVYA 2,960,771
PASCUAL, FRANCIS WILLIAM 2,962,650
PASQUINI, AYLA 2,960,125
PASTINO, GINA 2,964,504
PATBERG, LOTHAR 2,960,443
PATEL, SURESH 2,960,640
PATERSON, YVONNE 2,964,574
PATON, ADRIAN 2,960,443
PAUL WURTH S.A. 2,959,966
PAULS, HEINZ W. 2,964,282
PEACOCK, ALEN LYNN 2,960,184
PEACOCK, ALEN LYNN 2,960,190
PEDERSEN, BJARKE 2,963,298
PEDERSEN, MIKKEL WANDAHL 2,961,323
PELHAM, WILLIAM 2,964,543
PENDYALA, MAHESH 2,964,391
PENG, CHAOYI 2,961,387
PENG, YANG 2,964,623
PENG, ZHIYONG 2,963,866
PERAGIN, ERIC 2,961,063
PEREZ LOPEZ, FRANCISCO JAVIER 2,961,287
PEROSPHERE, INC. 2,959,742
PESSIOT, JEREMY 2,955,767
PETERS, VOLKER 2,964,366
PETROLEUM TECHNOLOGY COMPANY AS 2,961,304
PETTERSEN, STALE 2,961,304
PHARMACEUTICAL MANUFACTURING RESEARCH SERVICES, INC. 2,964,628
PHILIP MORRIS PRODUCTS S.A 2,959,245
PHILIP MORRIS PRODUCTS S.A. 2,961,143
PHILLIPS, GREGORY 2,963,304
PHILLIPS-LUBIMIV, AARON LYON 2,964,418
PIEL, TANJA 2,961,125
PIEL, TANJA 2,961,268
PINEAU, JACKY 2,960,705
PINKERTON, ANTHONY 2,964,113
PINZONE, BASIL F. 2,960,021
PIONEER HI-BRED INTERNATIONAL, INC. 2,956,473
PIONEER HI-BRED INTERNATIONAL, INC. 2,959,402
PIRZADEH, KIUSHAN 2,963,867
POFFENBERGER, EVERETT 2,960,838
POINDEXTER, MICHAEL K. 2,961,169
POLLARD, JON 2,960,607
POLSON, ANDREW 2,958,479
POLYVALOR, LIMITED PARTNERSHIP 2,964,199
POMPILI, MATTHEW A. 2,964,198
POMRINK, GREGORY J. 2,964,454
PORTER, NELLY L. 2,959,809
POST, MIRIAM 2,960,041
POTTER, BENJAMIN O. 2,964,386
POTTS, BLAKE G. 2,964,100
POUGET, GAELLE 2,960,942
POUGET, GAELLE 2,960,947
POULSEN, THOMAS TUXEN 2,961,323
POUNDER, JONATHON 2,964,416
POWELL, GLENN 2,963,867
POWERS, JAY PATRICK 2,964,276
POWERS, JAY PATRICK 2,964,290
POWERS, JAY PATRICK 2,964,297
PRAMOD, KANDOTH MADATHIL 2,959,952
PRAMOD, KANDOTH MADATHIL 2,959,955
PREHAUD, CHRISTOPHE 2,958,953
PREMO, SL 2,959,279
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,964,363
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,964,392
PRESNAIL, JAMES K. 2,959,402
PRIME SERVICES TRUSTEE LIMITED 2,959,308
PUDLAS, MARTIN WILLIAM 2,964,210
PULSAR S.R.L. 2,960,172
QBO COFFEE GMBH 2,960,922
QBO COFFEE GMBH 2,960,941
QI, JUN 2,964,629
QIAN, LAN 2,964,543
QU, LIANGWEI 2,964,076
QU, LIANGWEI 2,964,620
QUANTA ASSOCIATES, L.P. 2,964,466
QUATTROPANI, ANNA 2,958,966
QUEEN'S UNIVERSITY AT KINGSTON 2,964,415
QUERTON, AUGUSTIN 2,954,097
RABER, JEFFREY CHARLES 2,964,457
RABNAWAZ, MUHAMMAD 2,964,415
RACINE, EMILIE 2,961,297
RADFORD, STEVEN R. 2,964,366
RADICS, GABOR 2,961,430
RAFALSKI, J. ANTONI 2,956,473
RAFFERTY, ANNA N. 2,964,269
RAHN, GREGORY WILLIAM 2,964,133
RAMESH, KANAPARTHI 2,959,952
RAMESH, KANAPARTHI 2,959,955
RAMSEY, DAVID L. 2,959,186
RAMSEY, PETER 2,964,687
RAO, PEDDY VENKAT CHALAPATHI 2,959,952
RAO, PEDDY VENKAT CHALAPATHI 2,959,955
RAO, REDDI UDAYA BHASKARA 2,964,451
RARE ELEMENT RESOURCES, LTD. 2,964,306
RASMUSSEN, NINA NICOLINE 2,960,693
RATNER, EDWARD 2,963,132
RAYTHEON COMPANY 2,960,698
REBH, WILLIAM R., JR. 2,962,935
REBH, WILLIAM R., JR. 2,963,998
RED LEAF RESOURCES, INC. 2,964,278
REDMAN-FUREY, NANCY LEE 2,959,184
REDUTA, ALLAN 2,964,114
REED, JOSEPH ROBERT 2,964,393
REEVE, MICHELE L. 2,961,408
REGENERON PHARMACEUTICALS, INC. 2,959,428
REGENERON PHARMACEUTICALS, INC. 2,960,763
REID, NICHOLAS 2,960,816

REILLY, MAUREEN KAY 2,964,276
REILLY, MAUREEN KAY 2,964,290
REILLY, MAUREEN KAY 2,964,297
REIMER, JENS 2,962,676
REN, BAOLUTE 2,964,452
RESEARCH DEVELOPMENT FOUNDATION 2,964,467
RESPIRATORY CLINICAL TRIALS LTD 2,959,579
RETZLAFF, LAWRENCE D. 2,961,165
RIBE, SETH DIETRICH 2,956,517
RICHMAN, LAWRENCE 2,963,513
RICHMOND, JOSH 2,964,512
RICHMOND, JOSHUA 2,964,491
RICHTER, ANTJE 2,961,124
RICHTMAN, NINA 2,959,402
RICKS, GREGORY L. 2,964,366
RIEKE, THORSTEN 2,959,102
RIGBY, GRAHAM ROBERT MICHAEL 2,958,651
RIGOLLET, MATHIEU 2,963,325
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V. 2,960,041
RIOS, ADRIANO PORFIRIO 2,960,711
RIQUELME, ANTOINE 2,961,442
RISTAU, DAVID C. 2,964,116
RITTER, MATTHEW S. 2,960,974
RIZK, SAID 2,960,395
ROBERTS, BRYAN, LEE 2,964,732
ROBERTS, EDWARD NEWSOME 2,964,489
ROBERTSEN, HELENE LUNDE 2,960,693
ROBEY, BRIAN 2,963,304
ROBINSON, BRETT 2,960,385
ROD, PEDER ANDERS 2,964,515
RODDER, BERND 2,961,114
RODRIGUEZ SAN SEGUNDO, HUGO-JOSE 2,961,287
ROESSLER-FEIGEL, BEATRICE 2,956,306
ROETHLE, PAUL 2,960,384
ROETHLE, PAUL 2,960,436
ROGERS, BRANDON J. 2,959,590
ROJAS CUEVAS, ANTONIO 2,959,279
ROMANO, ROBERT A. 2,964,543
ROSATI, RODRIGO 2,960,974
ROSCH, JURGEN 2,960,762
ROSENDAHL, GLENN KENTON 2,964,496
ROSIN, MAXIMILIAN 2,959,102
ROSSL, ANDREAS 2,958,498
ROUSSEAU, ROBERT 2,964,130
ROUSSY, RICHARD 2,963,674
ROWLANDS, WILLIAM 2,964,181
ROWLANDS, WILLIAM NEIL 2,964,210
RUBIN, MATTHEW 2,964,280
RUDIO, ERWINA 2,960,384
RUDOLF, MICHAEL P. 2,964,633
RUMBAUGH, MICHAEL R. 2,963,566
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,964,265
RYDBERG, NICHOLAS W. 2,964,100
S.A. LHOIST RECHERCHE ET DEVELOPPEMENT 2,954,097
SABIN, DOUGLAS GROSVENOR 2,964,487
SABOORI, ANOOSH 2,959,809
SAF-HOLLAND GMBH 2,960,326
SAF-HOLLAND GMBH 2,960,327
SAF-HOLLAND GMBH 2,960,329
SAFARILAND, LLC 2,963,936
SAFRAN AIRCRAFT ENGINES 2,960,869
SAFRAN TRANSMISSION SYSTEMS 2,962,869
SAGE SCIENCE, INC. 2,964,487
SAGEL, PAUL ALBERT 2,955,493
SAGEL, PAUL ALBERT 2,956,964
SAGEL, PAUL ALBERT 2,956,966
SAINI, VIVEK 2,964,512
SAINT-GOBAIN GLASS FRANCE 2,957,845
SAINT-GOBAIN PLACO 2,963,187
SAITO YUJI 2,964,200
SAITO, ROLAND D. 2,958,742
SAJI, MAYA TREESA 2,960,771
SAKODA, KAZUYUKI 2,964,707
SALAZAR, LUIS C. 2,964,407
SALGAONKAR, NEHA 2,960,771
SAMET KALIP VE MADEN ESYA SAN. VE TIC. A.S. 2,961,114
SAMPSON, CRAIG FIELD 2,963,563
SAMUEL, ROBELLO 2,964,228
SANDVIK INTELLECTUAL PROPERTY AB 2,960,064
SANFORD BURNHAM PREBYS MEDICAL DISCOVERY INSTITUTE 2,964,113
SANFORD HEALTH 2,962,811
SANGHVI, KINTUR A. 2,962,930
SANKESHWARI, ROHIT 2,964,225
SANTA MARIA, PETER LUKE 2,964,378
SARASWAT, NEERJA 2,957,947
SARGENT MANUFACTURING COMPANY 2,964,127
SATO, JAY K. 2,964,492
SATYARAJ, EBENEZER 2,964,193
SAUER, REINER 2,961,428
SAVEYN, PIETER JAN MARIA 2,961,403
SAVVAS, KONSTANTINOS 2,960,443
SAWA, YASUNORI 2,964,622
SCHAIBLE, ELISABETH 2,963,325
SCHEER, DANIEL 2,960,365
SCHEUERLE FAHRZEUGFABRIK GMBH 2,960,799
SCHICK, JULIANE 2,963,030
SCHICKLBERGER, MARCUS F. 2,964,480
SCHILDWACHTER, WILLIAM 2,964,372
SCHLEMMER, ROBERT P. 2,961,169
SCHLUMBERGER CANADA LIMITED 2,964,286
SCHMELZER, EUGENE 2,964,267
SCHMID, JOACHIM 2,960,533
SCHMIDT, BRIAN 2,960,607
SCHMIDT, ERIC 2,959,164
SCHMIT, LOUIS 2,959,966
SCHMITT, RALF 2,960,779
SCHNEIDER, DEAN 2,960,801
SCHNEIDER, MAXIMILIAN 2,959,102
SCHOENBRUNNER, NANCY 2,961,433
SCHOOL JURIDICAL PERSON KITASATO INSTITUTE 2,964,200
SCHRAG, THOMAS G. 2,961,165
SCHREIBER, DIETMAR 2,959,102
SCHREINER, BJORN 2,960,737
SCHULICK, PAUL 2,958,651
SCHUTTE, VOLKER 2,960,546
SCHWAKENBERG, MARTIN 2,960,546
SCHWARB, EDWARD 2,963,325
SCISSORS LLC AUSTIN TEXAS SUCCURSALE DI CHIASSO 2,961,013
SCOTT, DANNY E. 2,960,640
SCOTT, MARK E. 2,964,375
SEAR, CHELSEY 2,960,125
SEEHERMAN, HOWARD 2,959,164
SEI KAZUNARI 2,964,200
SEITZ, STEVEN P. 2,964,297
SEKI, TETSUYA 2,964,333
SELA, GAL 2,964,488
SELA, GAL 2,964,494
SELA, GAL 2,964,512
SENTINEL CONNECTOR SYSTEMS, INC. 2,960,385
SERKH, ALEXANDER 2,960,801
SERNIK, KLEBER A. 2,960,576
SERNIK, KLEBER A. 2,960,711
SGROI, ANTHONY 2,964,732
SHAN, WEIFANG 2,964,290
SHAN, WEIFANG 2,964,297
SHANE, GUANG-TZUU 2,964,177
SHAREI, ARMON R. 2,964,138
SHAREI, ARMON R. 2,964,392
SHARPE, ARLENE H. 2,964,363
SHAUCK, STEVEN BRIAN 2,960,374
SHEPARD, H. MICHAEL 2,964,317
SHETTY, DINESH ANANDA 2,964,250
SHI, LIU 2,964,076
SHI, LIU 2,964,620
SHIGETA, YASUSHI 2,964,441
SHIMAOKA, TAKAYUJI 2,964,727
SHIMOMUKAI, TAKAHITO 2,964,202
SHIMOYAMA, MASAO 2,964,720
SHIN, CHANG YELL 2,959,714
SHIRE HUMAN GENETIC THERAPIES, INC. 2,964,132
SHOLL, MARY 2,961,198
SHORT, JAY 2,964,263
SHRIVASTAVA, SAURABH 2,960,614
SHUNATONA, HUNTER PAUL 2,964,276
SHUNATONA, HUNTER PAUL 2,964,290
SHUNATONA, HUNTER PAUL 2,964,297
SHUTOV, PAVEL 2,964,654
SIBURGE, ERIC 2,961,124
SIEMENS AKTIENGESELLSCHAFT 2,960,533
SIEMENS AKTIENGESELLSCHAFT 2,962,813
SIKA TECHNOLOGY AG 2,960,923

SIKA TECHNOLOGY AG 2,964,038
SILANO, CARMINE JOHN 2,964,489
SILER, CHRISTOPHER 2,964,135
SILVA, LAURA J. 2,961,390
SIM LIGHTING DESIGN COMPANY LIMITED 2,964,421
SIMMONS, CRAIG 2,964,422
SIMMONS, WILLIAM J. 2,964,384
SINGH, SHEO B. 2,964,377
SIQUEIRA, WALTER 2,964,283
SKOPIL, MARIO 2,963,031
SMETS, JOHAN 2,959,697
SMITH LUBY HOLDINGS LLC 2,964,335
SMITH, BENJAMIN JOHN 2,964,632
SMITH, BRIAN CHRISTOPHER 2,962,650
SMITH, CHARLES TIMOTHY 2,961,171
SMITH, GREGORY H. 2,964,100
SMITH, PETER GEORGE ROBIN 2,960,735
SMITH, WILLIAM MICHAEL 2,964,335
SMOLENSKAYA, VALERIYA 2,960,436
SMOLKE, CHRISTINA D. 2,964,634
SNAP INC. 2,962,822
SOFFIATTI, RENZO 2,958,736
SOLVOTRIN THERAPEUTICS LIMITED 2,961,430
SOMALOGIC, INC. 2,961,340
SOMJEE, ARDHIAT 2,964,387
SON, MOON HO 2,959,714
SONG, SEOG BEOM 2,951,824
SONI, HIMANSHU 2,959,809
SONNENSCHEIN, MARK F. 2,961,169
SONY CORPORATION 2,964,707
SONY CORPORATION 2,964,710
SONY CORPORATION 2,964,712
SONY CORPORATION 2,964,714
SONY CORPORATION 2,964,719
SONY CORPORATION 2,964,721
SONY CORPORATION 2,964,723
SONY CORPORATION 2,964,728
SOON, JULIE 2,964,179
SORENSEN, CHARLES 2,964,267
SORENSEN, CHARLES 2,964,268
SOUND PHARMACEUTICALS INCORPORATED 2,961,380
SPANGENBERG, OLIVER 2,960,541
SPANKIE, JAMES ALLAN 2,964,210
SPECIALIZED COMPONENT PARTS LIMITED, INC. 2,964,345
SPECTRUM BRANDS, INC. 2,961,205
SPEITH, MARKUS 2,959,102
SPENCER, REED W. 2,963,927
SPIEGEL, EVAN 2,962,822
SPIEGELHAUER, STEPHAN 2,960,836
SPX FLOW, INC. 2,964,116
SRIMOHANARAJAH, KIRUSHA 2,964,494
SRIVASTAVA, BASUKI 2,959,993
SRT PERFORMANCE PTY LTD 2,964,387
SSERTSON GROUP 2,957,668
STADELMANN, URSULA 2,960,923
STANFORD, STEPHANIE 2,964,113
STANGO, TIMOTHY 2,964,477
STANKIEWICZ, BRIAN J. 2,964,269
STANTON, DAVID THOMAS 2,959,555
STARR, KAREN P. 2,960,842
STAUB, EIKE 2,961,421
STEELE, DEVIN 2,964,256
STEGEMOELLER, CALVIN LYNN 2,964,204
STEIN, MATHEW 2,964,189
STEINEBRUNNER, JOERG 2,961,427
STEINER, SOLOMON 2,959,742
STEINHAUSER, ANDREW P. 2,959,426
STELZER, JAMES 2,964,740
STELZER, JAMES 2,964,747
STEPHAN, JOHAN 2,960,898
STEPHENSON, DALE 2,963,285
STERLING, DAVID 2,961,340
STEVENSON SYSTEMS, INC. 2,964,355
STEVENSON, GEORGE WALTER JOHN 2,964,238
STEVENSON, PETER L. 2,964,355
STIBBE, HOLGER 2,964,366
STINSON, DAVID THOMAS 2,964,370
STOCKEY, DAVID A. 2,960,640
STORVIK AQUA AS 2,964,515
STRACK-LOGUE, BETTINA 2,964,132
STRADIOTTO, DAVID A. 2,964,198
STRATO, INC. 2,964,513
STRATOPHASE LIMITED 2,960,735
STRAUB, JOSEF 2,961,421
STRUBE, JOHN B. 2,960,974
STRYKER CORPORATION 2,963,674
STRYKER CORPORATION 2,963,997
SU, JING 2,964,377
SUGAWARA, SHINSUKE 2,964,704
SULLIVAN, NICHOLAS GRAYSON 2,964,457
SULTAN, BERNT-AKE 2,961,125
SULTAN, BERNT-AKE 2,961,268
SUMITOMO SEIKA CHEMICALS CO., LTD. 2,964,205
SUN, CILI 2,964,228
SUZUKI, NOBUYA 2,964,504
SUZUKI, SATOSHI 2,964,710
SUZUKI, TAKAO 2,964,377
SWIETOSLAWSKI, JANUSZ 2,964,108
SWISS GALOPPERS GMBH 2,960,480
SYMPHOGEN A/S 2,961,323
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,964,488
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,964,491
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,964,494
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,964,512
SZETO, GREGORY 2,964,392
SZPALSKI, MAREK 2,963,703
TABADDOR, MAHMOOD 2,961,076
TADMOR, EREZ 2,959,702
TAFT, JOSEPH 2,964,467
TAHA, ASHRAF 2,964,237
TAHTAOUI, CHOUAIB 2,956,512
TAI, YU CHUAN 2,961,433
TAISEI CORPORATION 2,964,200
TAJIMA, TOSHIKI 2,964,298
TAKAHASHI, KAZUYUKI 2,964,728
TAKASHIBA, KENJI 2,964,444
TAKOS, ADAM MATTHEW 2,960,693
TANSEY, MICHAEL ANSELME 2,963,816
TANZIO, MICHAEL 2,964,267
TAYLOR, BENJAMIN 2,960,816
TAYLOR, ROY M. 2,964,626
TECHDERM, LLC 2,964,110
TECRES S.P.A. 2,958,736
TELECOM NORTH AMERICA INC. 2,964,189
TEMPESTA, LAURA 2,961,475
TEMPESTA, LAURA 2,961,476
TEMPUR-PEDIC MANAGEMENT, LLC 2,960,864
TEPHA, INC. 2,960,395
TESNIERE, MARC PATRICK 2,960,869
TEXTILMA AG 2,964,289
THANOS, CHRISTOPHER D. 2,964,317
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